



PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

January 24, 2003

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Mason
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Humpback Federal 7-24, 8-24, 9-24, 10-24,
and 16-24-8-17.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier
Permit Clerk

mc
enclosures

RECEIVED

JAN 28 2003

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

001

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL** ☒ **DEEPEN** ☐
1b. TYPE OF WELL
OIL ☐ GAS ☐ SINGLE ☐ MULTIPLE ☐
WELL ☒ WELL ☐ OTHER ☐ ZONE ☒ ZONE ☐

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
Route #3 Box 3630, Myton, UT 84052 Phone: **(435) 646-3721**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At Surface **NE/SE** **1901' FSL 602' FEL** **4439314 Y** **40.10150**
At proposed Prod. Zone **589755X** **-109.94699**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 16.9 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY
OR LEASE LINE, FT. (Also to

Approx. 602' f/lse line & 602' f/unit line

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL,
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

Approx. 1299'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5007' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

5. LEASE DESIGNATION AND SERIAL NO.

UTU-74870

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Humpback

8. FARM OR LEASE NAME WELL NO

Humpback Federal 9-24-8-17

9. API WELL NO.

43-047-34881

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

NE/SE

Sec. 24, T8S, R17E

12. County

Uintah

13. STATE

UT

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

16. NO. OF ACRES IN LEASE

359.94

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

3rd Quarter 2003

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

RECEIVED

JAN 28 2003

DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Martha Crozier* TITLE Permit Clerk DATE 1/24/03

(This space for Federal or State office use)

PERMIT NO. 43-047-34881 APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Bradley G. Hill* TITLE BRADLEY G. HILL DATE 02-03-03

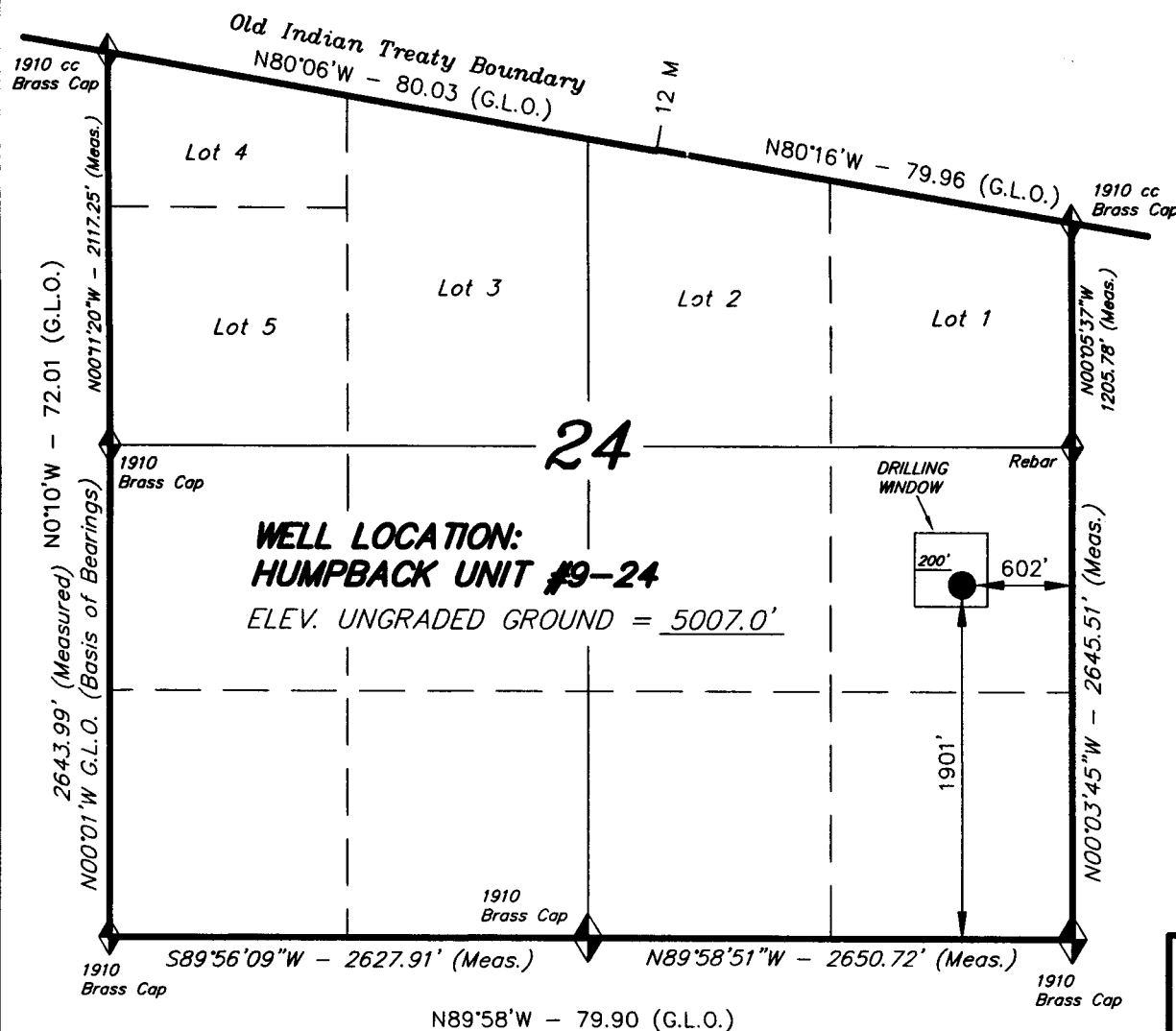
ENVIRONMENTAL SCIENTIST III


*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

INLAND PRODUCTION COMPANY

WELL LOCATION, HUMPBACK UNIT
#9-24, LOCATED AS SHOWN IN THE
NE 1/4 SE 1/4 OF SECTION 24, T8S,
R17E, S.L.B.&M. UINTAH COUNTY,
UTAH.

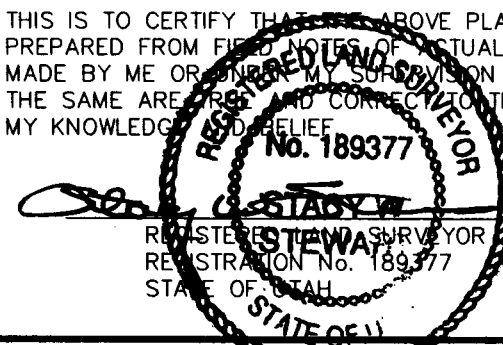


 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078

(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: K.G.S.

DATE: 6-12-02

DRAWN BY: J.R.S.

NOTES:

FILE #

INLAND PRODUCTION COMPANY
HUMPBAC FEDERAL #9-24-8-17
NE/SE SECTION 24, T8S, R17E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1640'
Green River	1640'
Wasatch	6500'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1640' – 6500' - Oil

4. **PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY
HUMPBACK FEDERAL #9-24-8-17
NE/SE SECTION 24, T8S, R17E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Humpback Federal #9-24-8-17 located in NE 1/4 SE 1/4 Section 24, T8S, R17E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 9.1 miles \pm to it's junction with an existing road to the east; proceed easterly - 6.2miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road 1215' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Paleontological Resource Survey and Archaeological Resource Survey for this area are attached.

Inland Production Company requests a 60' ROW for the Humpback Federal #9-24-8-17 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

Inland Production Company also requests a 60' ROW be granted for the Humpback Federal #9-24-8-17 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."**

Water Disposal

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Brad Mecham

Address: Route #3 Box 3630
Myton, UT 84052

Telephone: (435) 646-3721


Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #9-24-8-17 NE 1/4 SE 1/4 Section 24, Township 8S, Range 17E: Lease UTU-74870 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/24/03

Date


Mandie Crozier
Permit Clerk

Well No.: Humpback Federal 9-24-8-17

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Humpback Federal 9-24-8-17

API Number:

Lease Number: UTU-74870

Location: NE/SE Sec. 24, T8S, R17E

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL

CULTURAL RESOURCES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

PALEONTOLOGICAL RESOURCES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

SOILS, WATERSHEDS, AND FLOODPLAINS

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

WILDLIFE AND FISHERIES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

FERRUGINOUS HAWK: Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between February 15 and May 30. If the nest remains inactive on May 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active before the well is drilled, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

UINTA BASIN HOOKLESS CACTUS: The access road to this location must be narrowed to 14-feet in width or less to avoid disturbing known cactus populations. Once constructed, roads must be signed to advise motorists to stay on authorized

routes. The pit for this location should also be narrowed to avoid known cactus locations. Uinta Basin Hookless Cactus populations and individuals located during previous surveys must be flagged (fenced) and avoided during construction activities. BLM's authorized officer must be contacted prior to construction if any individual cacti cannot be avoided by construction activities. (See attached Biological Opinion for USFWS dated November 17, 1999).

LOCATION AND RESERVE PIT RECLAMATION

During construction of the reserve pit, a small amount of topsoil shall be stockpiled nearby, to be spread over the reserve pit area at the time the reserve pit is reclaimed.

The topsoil stockpile shall be reseeded immediately after site construction by broadcasting the seed, then walking the topsoil stockpile with the dozer to plant the seed.

The following seed mixture will be used on the topsoil stockpile, the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Gardner saltbush	<i>Atriplex gardneri</i>	4 lbs/acre
Mat saltbush	<i>Atriplex currugata</i>	4 lbs/acre
Galleta grass	<i>Hilaria jamesii</i>	4 lbs/acre

The reserve pit shall be reclaimed immediately after drilling operations have ceased. The pit shall be reclaimed by: 1) removing all liquids and any oily debris according to Utah Division of Oil, Gas, & Mining pit closure rules; 2) perforating and folding the liner in place; 3) recontouring the surface; 4) broadcasting the seed over the recontoured surface; and 5) walking the surface of the pit with a dozer to plant the seed.

At the time of final abandonment, the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately.

PIPELINES

Installation of a surface gas pipeline and/or any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

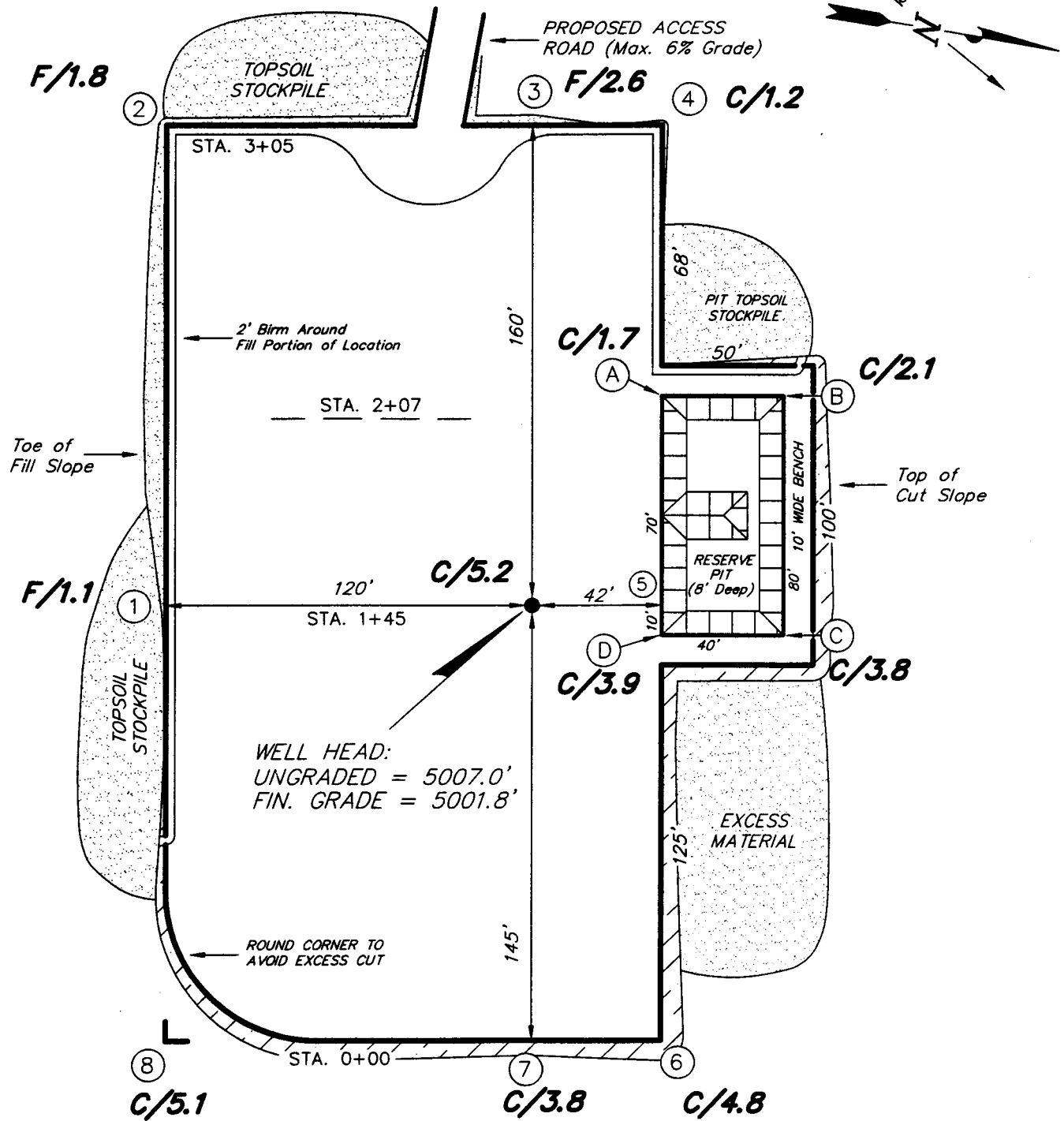
Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the disturbance area associated with buried pipelines will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the reserve pit and well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.

OTHER

INLAND PRODUCTION COMPANY

HUMPBACK UNIT #9-24
SEC. 24, T8S, R17E, S.L.B.&M.



REFERENCE POINTS

195' NORTHEAST = 5008.3'
245' NORTHEAST = 5015.1'
170' SOUTHEAST = 4997.5'
220' SOUTHEAST = 4999.3'

SURVEYED BY: K.G.S.

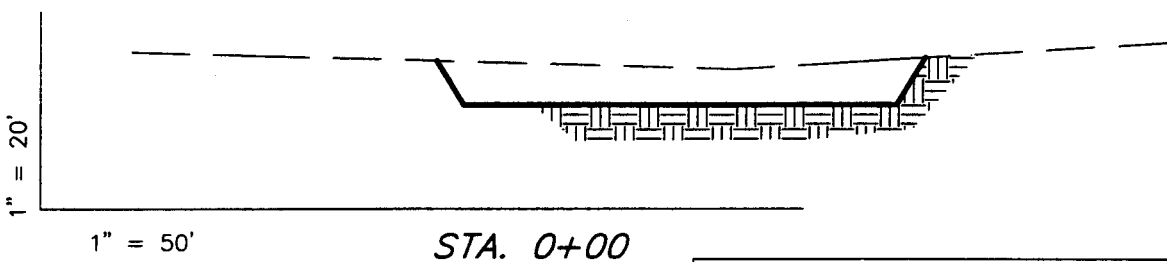
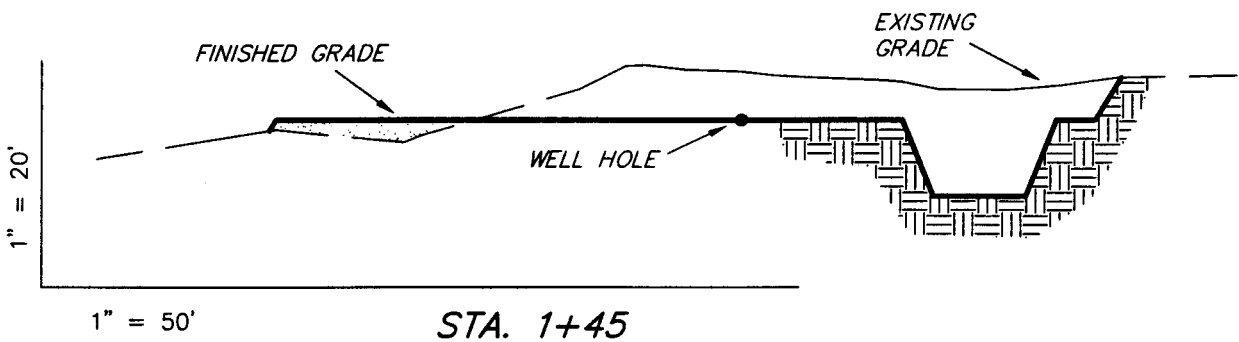
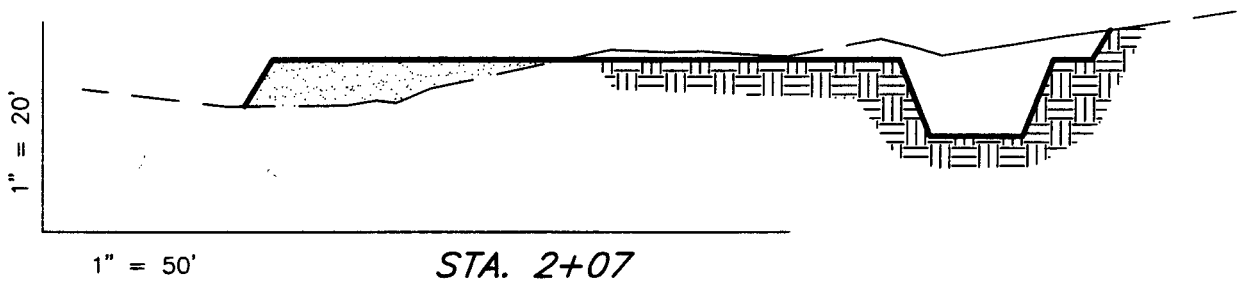
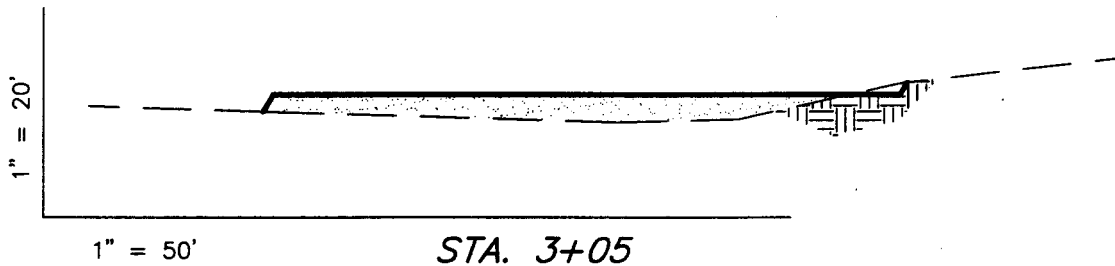
SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 9-12-02

Tri State
Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078
(435) 781-2501

INLAND PRODUCTION COMPANY
CROSS SECTIONS
HUMPBACK UNIT #9-24



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,560	2,560	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,200	2,560	1,010	640

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

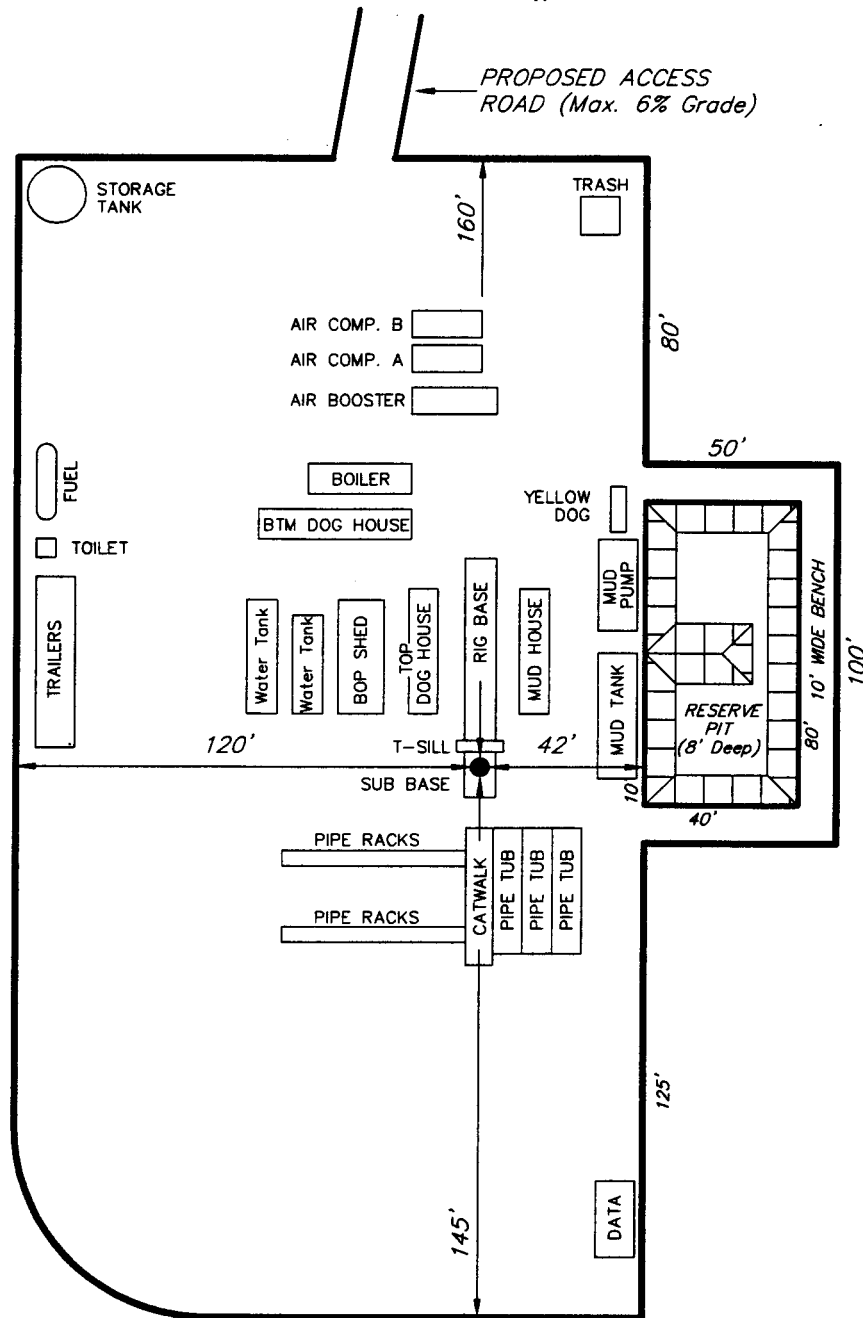
DATE: 9-12-02

Tri State
Land Surveying, Inc.
(435) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

HUMPBACK UNIT #9-24



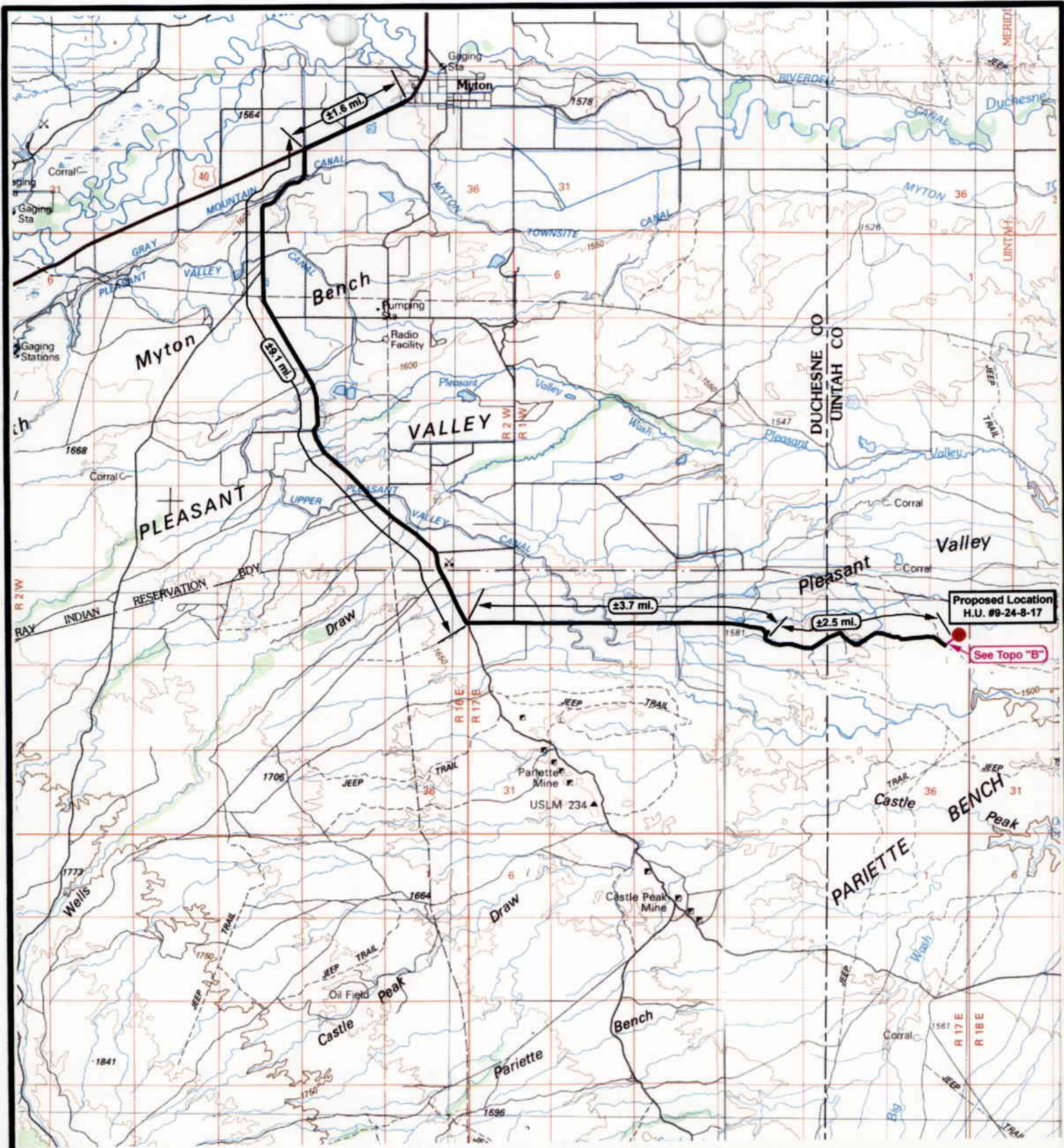
SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 9-12-02

Tri State
Land Surveying, Inc.
(435) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



**Humpback Unit #9-24
SEC. 24, T8S, R17E, S.L.B.&M.**



**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 100,000"
DRAWN BY: R.B.
DATE: 06-12-2002

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP

"A"



**Humpback Unit #9-24
SEC. 24, T8S, R17E, S.L.B.&M.**



**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000"
DRAWN BY: R.B.
DATE: 06-12-2002

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP

"B"

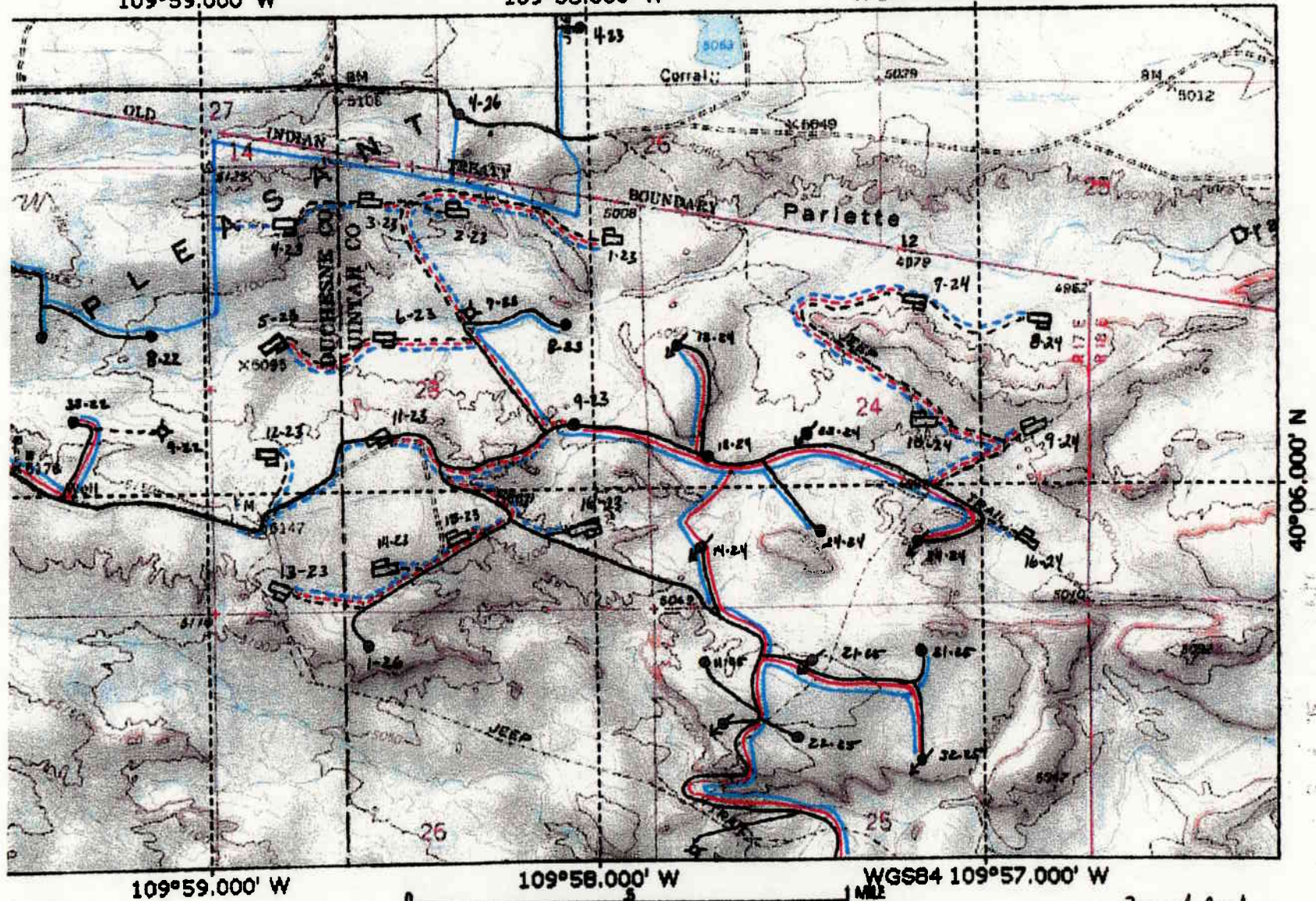
Topo Map "C"

TOPOI map printed on 01/28/02 from "Utah.tpo" and "Untitled.tpg"

109°59.000' W

109°58.000' W

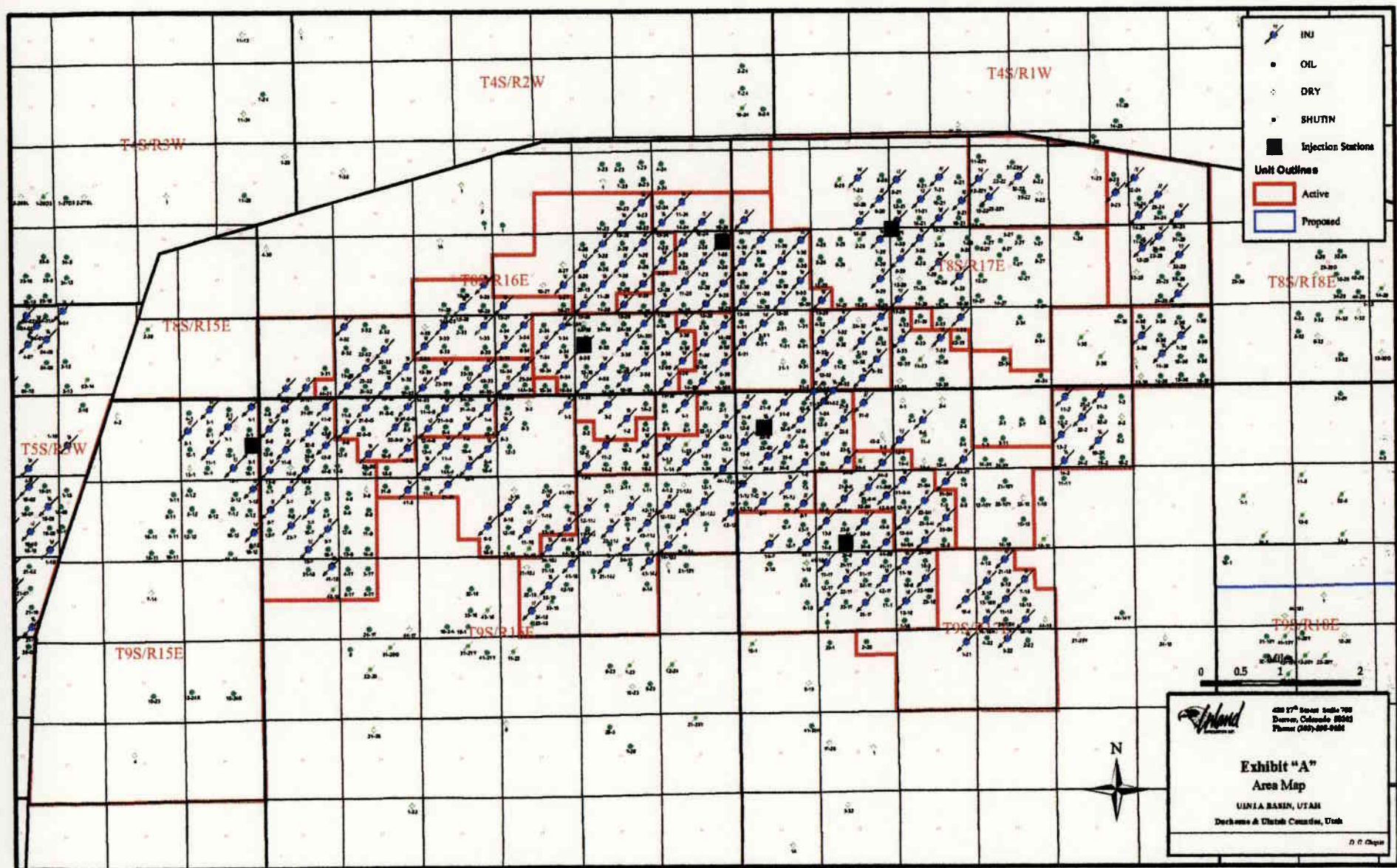
WGS84 109°57.000' W



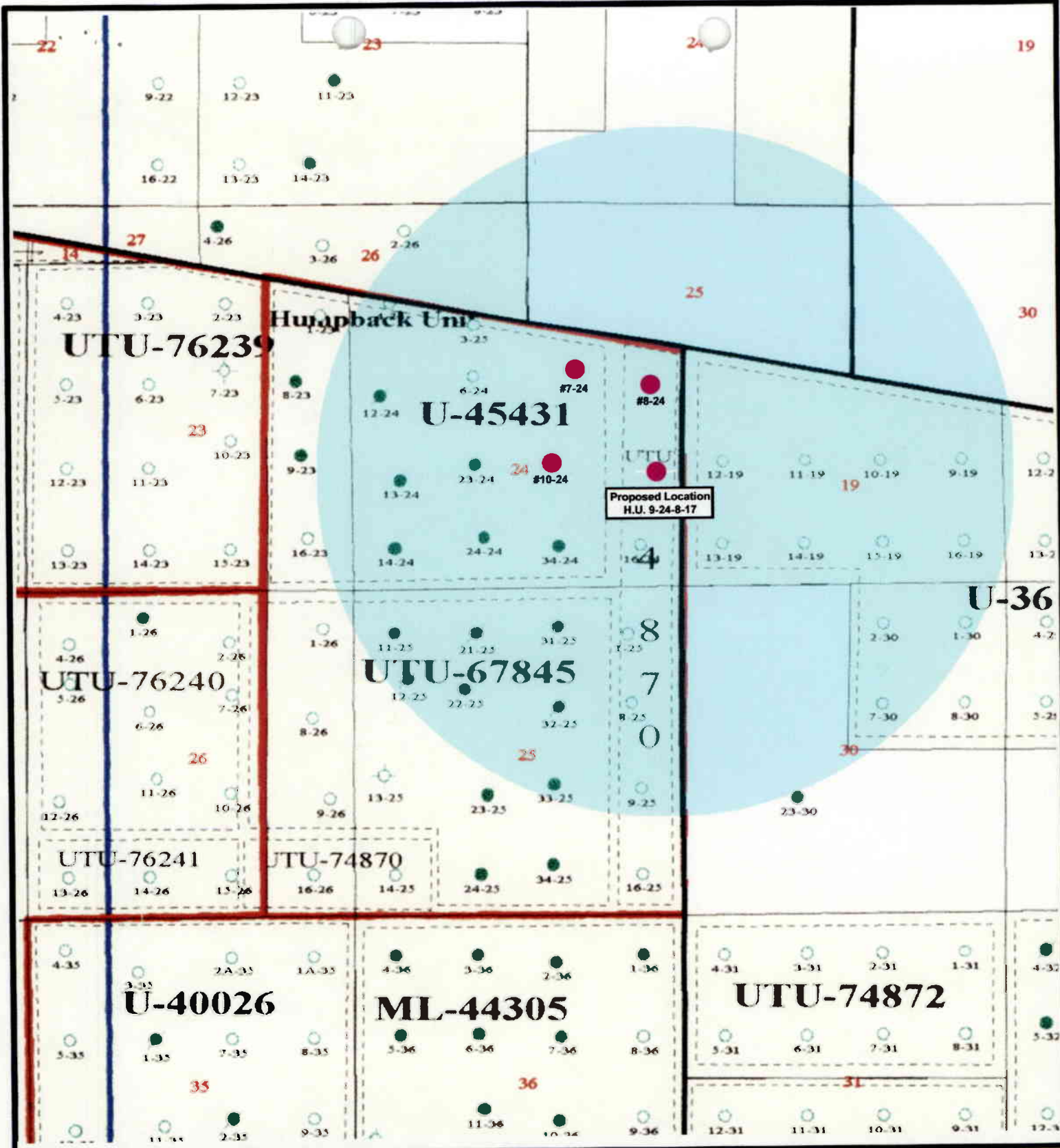
*MIN
124°

0 1000 FEET 0 500 1000 METERS
Printed from TOPOI ©2000 National Geographic Holdings (www.topo.com)

- - - Proposed Road
 - - - Proposed Water Line
 - - - Proposed Gas Line
 Existing Gas Line
 Existing Water Line



January 15, 2003



**Humpback Unit #9-24
SEC. 24, T8S, R17E, S.L.B.&M.**



**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

**SCALE: 1" = 2000'
DRAWN BY: R.B.
DATE: 06-12-2002**

Legend

- Proposed Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

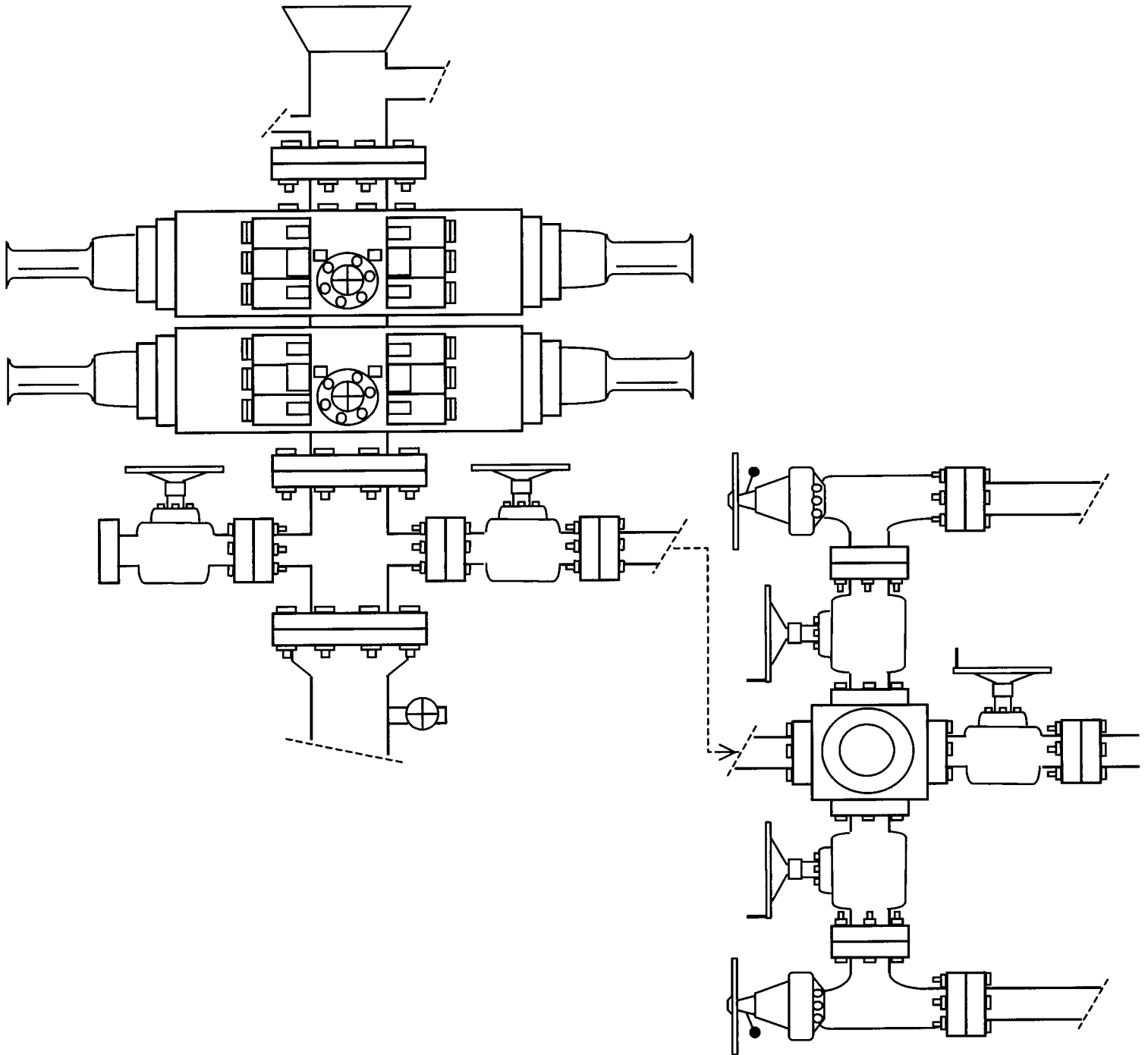


EXHIBIT C

003

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/28/2003

API NO. ASSIGNED: 43-047-34881

WELL NAME: HUMPBACK FED 9-24-8-17

OPERATOR: INLAND PRODUCTION (N5160)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NESE 24 080S 170E

SURFACE: 1901 FSL 0602 FEL

BOTTOM: 1901 FSL 0602 FEL

UINTAH

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74870

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.10150

LONGITUDE: 109.94699

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4488944)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit

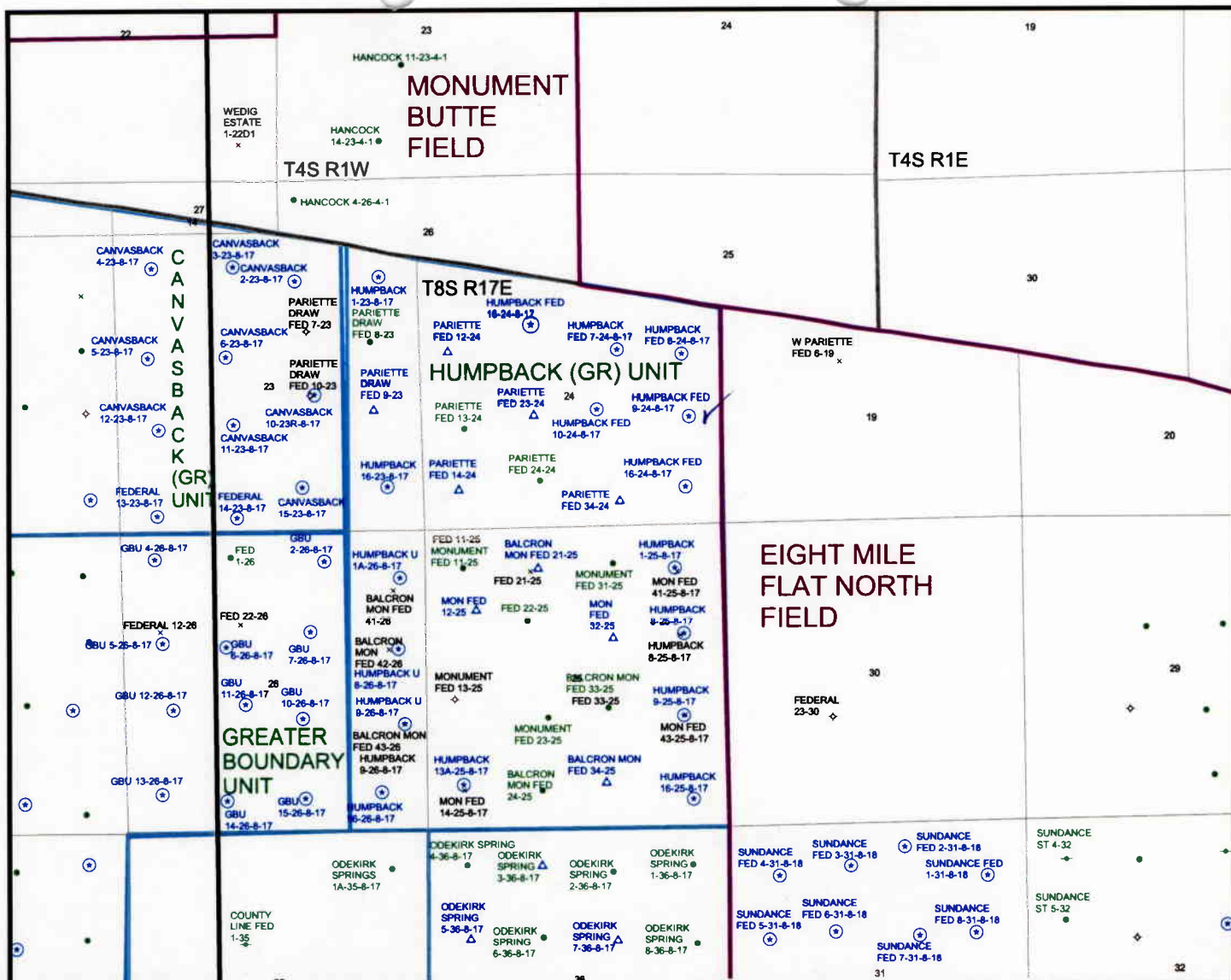
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
R649-3-3. Exception
Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
R649-3-11. Directional Drill

COMMENTS:

See Separate file

STIPULATIONS:

1- Federal Approval
2- Spacing Stip



OPERATOR: INLAND PRODUCTION (N5160)

SEC. 24 T8S, R17E

FIELD: MONUMENT BUTTE (105)

COUNTY: UTAH

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

WELLS

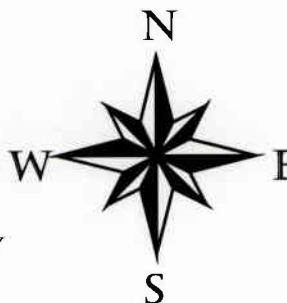
- ✓ GAS INJECTION
- GAS STORAGE
- × LOCATION ABANDONED
- ⊙ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

UNIT STATUS

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

FIELD STATUS

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- COUNTY BOUNDARY
- SECTION LINES
- TOWNSHIP LINES



PREPARED BY: DIANA MASON
DATE: 30-JANUARY-2003



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

February 3, 2003

Inland Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Humpback Federal 9-24-8-17 Well, 1901' FSL, 602' FEL, NE SE, Sec. 24, T. 8 South,
R. 17 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34881.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza', written over a horizontal line.

John R. Baza
Associate Director

pb

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company
Well Name & Number Humpback Federal 9-24-8-17
API Number: 43-047-34881
Lease: UTU-74870

Location: NE SE **Sec.** 24 **T.** 8 South **R.** 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

005

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐
 1b. TYPE OF WELL
 OIL GAS SINGLE MULTIPLE
 WELL ☒ WELL ☐ OTHER ☐ ZONE ☒ ZONE ☐

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At Surface **NE/SE 1901' FSL 602' FEL**

At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 16.9 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to

Approx. 602' f/lse line & 602' f/unit line

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

Approx. 1299'

16. NO. OF ACRES IN LEASE

359.94

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5007' GR

22. APPROX. DATE WORK WILL START*

3rd Quarter 2003

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

RECEIVED
JAN 27 REC'D

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
 If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED M. Hardie Crozier TITLE Permit Clerk DATE 1/24/03

(This space for Federal or State office use)

NOTICE OF APPROVAL

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Edwin L. Strawn TITLE acting Assistant Field Manager Mineral Resources DATE 7/1/03

RECEIVED
JUL 09 2003

*See Instructions On Reverse Side
 Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

03450287H

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: HUMPBACK FEDERAL 9-24-8-17

API Number: 43-047-34881

Lease Number: UTU - 74870

Location: NESE Sec. 24 TWN: 08S RNG: 17E

Agreement: HUMPBACK UNIT

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at $\pm 2,848$ ft.

**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

-No construction or surface disturbing activities will be allowed during the Golden Eagle nesting season (Feb. 1 and July 15).

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: HUMPBAC FED 9-24-8-17Api No: 43-047-34881 Lease Type: FEDERALSection 24 Township 08S Range 07E County UINTAHDrilling Contractor LEON ROSS RIG # 14**SPUDDED:**Date 07/21/03Time 9:00 AMHow DRY**Drilling will commence:** _____Reported by PAT WISENERTelephone # 1-435-823-7468Date 07/21/2003 Signed: CHD

007

PAGE 02

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

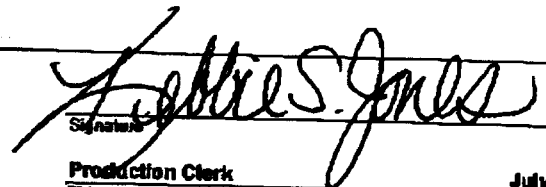
OPERATOR: INLAND PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12053	43-047-34881	Humpback #9-24-8-17	NE/SE	24	8S	17E	Utah	July 22, 2003	7/31/2003
WELL 1 COMMENTS: GREN											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 2 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 3 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 4 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 5 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 6 COMMENTS:											

ACTION CODES (See instructions on back of form)
A - Establish new entity for new well (single well only)
B - Add new well to existing entity (group of well)
C - Re-assign well from one existing entity to another existing entity
D - Re-assign well from one existing entity to a new entity
E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.


Kobbie S. Jones
Production Clerk
Title
July 31, 2003
Date

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JUL 31 2003
DIV. OF OIL, GAS & MINING

INLAND

4356463031

07/31/2003 09:54

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

008

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU- 74870

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Humpback

8. Well Name and No.

9-24-8-17

9. API Well No.

43-047-34881

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Unitah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1901' FSL & 602' FEL NE/SE Sec 24. TWN 8S. R17E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Spud Report

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 7-22-03. MIRU Ross # 14 . Drill 315' of 12 1/4" hole with air mist. TIH w/ 7 Jt's 85/8" J-55 24# csgn. Set @ 316.98'/KB On 7-27-03 cement with 150 sks of Class "G" w/ 2% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 1.5 bbls cement to pit. WOC

14. I hereby certify that the foregoing is true and correct

Signed

Pat Wisener
Pat Wisener

Title

Drilling Foreman

Date

07/27/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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AUG 04 2003

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 316.98

LAST CASING 8 5/8" SET AT 316.98
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 315 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL Humpback 9-24-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross # 14

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		41.84' sh jt' shjt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	305.13
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		306.98
TOTAL LENGTH OF STRING			306.98	7	LESS CUT OFF PIECE		2
LESS NON CSG. ITEMS			1.85		PLUS DATUM TO T/CUT OFF CSG		12
PLUS FULL JTS. LEFT OUT			0		CASING SET DEPTH		316.98
TOTAL			305.13	7	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			305.13	7			
TIMING			1ST STAGE				
BEGIN RUN CSG.			SPUD	07/22/2003	GOOD CIRC THRU JOB <u>yes</u>		
CSG. IN HOLE				9:00am	Bbls CMT CIRC TO SURFACE <u>1.5 bbls cement</u>		
BEGIN CIRC					RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE		
BEGIN PUMP CMT					DID BACK PRES. VALVE HOLD ? <u>N/A</u>		
BEGIN DSPL. CMT					BUMPED PLUG TO <u>230</u> PSI		
PLUG DOWN			Cemented	07/27/2003			
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	150	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT				SHOW MAKE & SPACING			
Centralizers - Middle first, top second & third for 3							

RECEIVED

AUG 04 2003

DIV OF OIL, GAS & MINING

COMPANY REPRESENTATIVE Pat Wisener DATE 07/27/2003



December 16, 2003

State of Utah, Division of Oil, Gas and Mining
Attn: Ms. Carol Daniels
P.O. Box 145801
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daniels
Re: Completion reports

Dear Ms. Carol Daniels

Enclosed are the preliminary completion reports for the wells spud more than 4 months ago, but not reported as completed.

Inland Resources intends to drill and complete most of the wells on this list in the year 2004. At that time, I will be sending to you the final completion reports for these wells.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,

Brian Harris
Engineering Tech

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DEC 22 2003
DIV. OF OIL, GAS & MINING

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Humpback Federal 9-24-8-17	Garden Gulch Mkr Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)		

Wells Spudded More than 4 Months Ago But Not Yet Reported As Completed

Well Name				Twp-Rng-Sec		API Number			Spud Date
S WELLS DRAW 13-3-9-16				09S 16E 03		4301332106			9/22/2000
LONE TREE 10-16-9-17				09S 17E 16		4301332087			2/5/2001
LONE TREE 15-16-9-17				09S 17E 16		4301332089			2/7/2001
LONE TREE 16-16-9-17				09S 17E 16		4301332150			2/13/2001
ODEKIRK SPRINGS 15-35-8-17				08S 17E 35		4304733550			4/11/2001
GBU 1-34-8-17				08S 17E 34		4301332252			8/12/2001
GBU 7-34-8-17				08S 17E 34		4301332257			8/30/2001
ASHLEY 2-11-9-15				09S 15E 11		4301332214			10/24/2001
S WELLS DRAW 14-3-9-16				09S 16E 03		4301332139			2/18/2002
S WELLS DRAW 11-3-9-16				09S 16E 03		4301332138			2/19/2002
ASHLEY 7-11-9-15				09S 15E 11		4301332215			7/8/2002
JONAH 4-11-9-16				09S 16E 11		4301332279			1/2/2003
GBU 10-26-8-17				08S 17E 26		4304734309			1/29/2003
GBU 2-26-8-17				08S 17E 26		4304734163			4/29/2003
JONAH 7-14-9-16				09S 16E 14		4301332338			5/12/2003
JONAH 6-14-9-16				09S 16E 14		4301332337			6/9/2003
JONAH 5-14-9-16				09S 16E 14		4301332336			6/11/2003
LONE TREE U 8-16-9-17				09S 17E 16		4301332311			7/15/2003
HUMPBAC FED 9-24-8-17				08S 17E 24		4304734881			7/21/2003
LONE TREE U 7-16-9-17				09S 17E 16		4301332310			7/25/2003

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DEC 22 2003
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1901 FSL 602 FEL NE/SE Section 24, T8S R17E

5. Lease Designation and Serial No.

UTU-74870

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

HUMPBAC (GR RVR)

8. Well Name and No.

HUMPBAC FEDERAL 9-24-8-17

9. API Well No.

43-013-32402 43-047-34881

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status Report

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 07/07/04. MIRU Patterson # 155. Set equipment. Pressure test Bop's, Kelly, & TIW to 2,000 psi. Test 85/8" csgn to 1,500 psi. Vernal BLM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Continue to drill a 77/8" hole with fresh water to a depth of 6495'. Lay down drill string, BHA. Open hole log from TD to surface. PU & MU guide shoe, 1 jt 51/2" J-55 15.5 # csgn. Float collar, & 151 Jt's 51/2" J-55 15.5# csgn. Set @ 6486.60'/KB. Cement with 400 sks Prem Lite II w/ 3% KCL, 10% Gel, 3#"s sk CSE, 3#"s sk Kolseal, 3% Sms, 1/4# sks Celloflake. Mixed @ 11.0 ppg, >3.42 yld. Followed by 450 sks 50/50 Poz w/ 3% KCL, 2% Gel, .05% Static free, 1/4# sk Celloflake. Mixed @ 14.4 ppg, > 1.24 yld. Good returns W/ 13 bbls cement to pit. Nipple down BOP's. Drop slips @ 85,000 # 's tension. Clean pit's & release rig @ 2:30 AM on 07-13-04.

14. I hereby certify that the foregoing is true and correct.

Signed

Floyd Mitchell
Floyd Mitchell

Title

Drilling Foreman

Date

July 13 2004

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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JUL 14 2004

DIV. OF OIL, GAS & MINING

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6486.6

LAST CASING 8 5/8" SET AT 316' Fit c/lr @ 6443.32
 OPERATOR Inland Production Company
 DATUM 12' KB WELL Humpback 9-24-8-17
 DATUM TO CUT OFF CASING 12 FIELD/PROSPECT Monument Butte
 DATUM TO BRADENHEAD FLANGE _____ CONTRACTOR & RIG # Patterson 155
 TD DRILLER 6495'
 HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		5' @ 4022' KB					
151	5 1/2"	MAV LT & C casing	15.5#	J-55	8rd	A	6430.72
		Float collar					0.6
1	5 1/2"	MAV LT & C casing	15.5#	J-55	8rd	A	42.63
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		6488.6
TOTAL LENGTH OF STRING			6488.6	152	LESS CUT OFF PIECE		14
LESS NON CSG. ITEMS			15.25		PLUS DATUM TO T/CUT OFF CSG		12
PLUS FULL JTS. LEFT OUT			128.07	3	CASING SET DEPTH		6486.6
TOTAL			6601.42	155	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			6601.42	155			
TIMING			1st STAGE	2nd STAGE			
BEGIN RUN CSG.			7/12/2004	2:00 PM	GOOD CIRC THRU JOB <u>yes</u>		
CSG. IN HOLE			7/12/2004	6:00 PM	Bbls CMT CIRC TO SURFACE <u>13</u>		
BEGIN CIRC			7/12/2004	6:00 PM	RECIPROCATED PIPE IN/A <u>THRUSTROKE</u>		
BEGIN PUMP CMT			7/12/2004	7:55 AM	DID BACK PRES. VALVE HOLD ? _____		
BEGIN DSPL. CMT			7/12/2004	8:56 PM	BUMPED PLUG TO <u>1961</u> PSI		
PLUG DOWN			7/12/2004	9:22 PM			
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	400	Premiite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT				SHOW MAKE & SPACING			
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Floyd Mitchell

DATE 7/13/2004

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JUL 14 2004

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

012

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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JUN 30 2004

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

By _____

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1901 FSL 602 FEL NE/SE Section 24, T8S R17E

5. Lease Designation and Serial No.

UTU-74870

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

HUMPBAC (GR RVR)

8. Well Name and No.

HUMPBAC FEDERAL 9-24-8-17

9. API Well No.

43-047-34881

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH COUNTY, UT.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Permit Extension

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 7/1/03 (expiration 7/1/04).

RECEIVED

AUG 02 2004

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Regulatory Specialist Date 6/29/2004
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by Kirk Furber Title Petroleum Engineer Date 7/26/04

Conditions of approval, if any:

CC: Utah DOGM

UDOGM

Title 18, U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Inland Production Company
APD Extension**

Well: HB 9-24-8-17

Location: NENE Sec. 24, T8S, R17E

Lease: UTU 74870

CONDITIONS OF APPROVAL

An extension for the referenced APD is granted with the following conditions:

1. The extension will expire July 1, 2005
2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood at (435) 781-4486.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

011

SUBMIT IN TRIPPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1901 FSL 602 FEL
NE/SE Section 24 T8S R17E

5. Lease Serial No.

UTU74870

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

HUMPBAC UNIT

8. Well Name and No.

HUMPBAC FED 9-24-8-17

9. API Well No.

4304734881

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project. Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Mandie Crozier

Signature

Mandie Crozier

Title

Regulatory Specialist

Date

8/4/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

AUG 05 2004

DIV OF OIL GAS & MINING

Inland Resources Inc.

September 8, 2004

State of Utah, Division of Oil, Gas and Mining
Attn: Ms. Carol Daniels
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Attn: Ms. Carol Daniels

Ashley 13-2-9-15 (43-013-32577)
Duchesne County, Utah

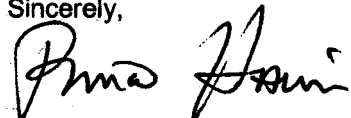
Humpback Fed. 9-24-8-17 (43-047-34881)
Uintah County, Utah

Dear Ms. Carol Daniels

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Pat Grissom of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,



Brian Harris
Engineering Tech

Enclosures

cc: Bureau of Land Management
Vernal District Office, Division of Minerals
Attn: Edwin I. Forsman
170 South 500 East
Vernal, Utah 84078

Well File – Denver
Well File – Roosevelt
Patsy Barreau/Denver
Bob Jewett/Denver
Matt Richmond/Roosevelt

RECEIVED
SEP 13 2004

DIV. OF OIL, GAS & MINING

Alamo Plaza Building
1401 Seventeenth Street, Suite 1000
Denver, CO 80202
303-893-0102 • Fax: 303-893-0103

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name	Garden Gulch Mkr	4137'	
			Humpback Federal 9-24-8-17	Garden Gulch 1	4359'	
				Garden Gulch 2	4488'	
				Point 3 Mkr	4768'	
				X Mkr	4980'	
				Y-Mkr	5016'	
				Douglas Creek Mkr	5152'	
				BiCarbonate Mkr	5432'	
				B Limestone Mkr		
				Castle Peak	5994'	
				Basal Carbonate	6389'	
				Total Depth (LOGGERS	6495'	

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

014

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.

Unit:

HUMPBAC (GREEN RIVER)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
HUMPBAC 16-23-8-17	23	080S	170E	4304734558	12053	Federal	OW	P	K
HUMPBAC 1-23-8-17	23	080S	170E	4304734566	12053	Federal	OW	P	K
HUMPBAC FED 16-24-8-17	24	080S	170E	4304734879	12053	Federal	OW	P	K
HUMPBAC FED 10-24-8-17	24	080S	170E	4304734880	12053	Federal	OW	P	K
HUMPBAC FED 9-24-8-17	24	080S	170E	4304734881	12053	Federal	OW	P	K
HUMPBAC FED 8-24-8-17	24	080S	170E	4304734885	12053	Federal	OW	P	K
HUMPBAC FED 7-24-8-17	24	080S	170E	4304734886	12053	Federal	OW	P	K
HUMPBAC 13A-25-8-17	25	080S	170E	4304734200	12053	Federal	WI	A	K
HUMPBAC 1-25-8-17	25	080S	170E	4304734485	12053	Federal	OW	P	K
HUMPBAC 8-25-8-17	25	080S	170E	4304734486	12053	Federal	OW	P	K
HUMPBAC 9-25-8-17	25	080S	170E	4304734487	12053	Federal	OW	P	K
HUMPBAC 16-25-8-17	25	080S	170E	4304734488	12053	Federal	OW	P	K
HUMPBAC U 9-26-8-17	26	080S	170E	4304734162	12053	Federal	OW	P	
HUMPBAC 16-26-8-17	26	080S	170E	4304734177		Federal	OW	APD	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 9/15/2004

2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 9/15/2004

3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If NO, the operator was contacted on:

- 6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

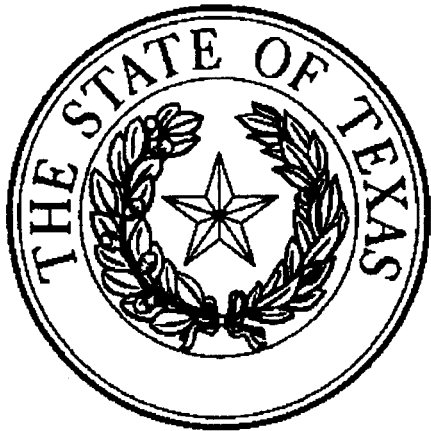
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

3. FILE

015

Designation of Agent/Operator

Merger

9/1/2004

TO: (New Operator):
N2695-Newfield Production Company
Route 3 Box 3630
Myton, UT 84052
Phone: 1-(435) 646-3721

HUMPBACK (GREEN RIVER)

[illegible]

Newfield Humpback 2 FORM 4B.xls 3/9/2005

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The FORMER operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74870
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: HUMPBAC UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1901 FSL 602 FEL		8. WELL NAME and NUMBER: HUMPBAC FEDERAL 9-24-8-17
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 24, T8S, R17E		9. API NUMBER: 4304734881
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: UINTAH
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/07/2007			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 2/7/07. On 11/28/06 Dan Jackson with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 2/16/07. On 2/16/07 the casing was pressured up to 1220 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 450 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 20852-06748 API#43-047-34881

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) <u>Callie Ross</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u>Callie Ross</u>	DATE <u>02/27/2007</u>

(This space for State use only)

RECEIVED
MAR 01 2007

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 02/16/07
Test conducted by: Dale Giles
Others present: _____

Well Name: <u>Humpback Fed. 9-24-8-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Humpback Unit</u>			
Location: _____	Sec: <u>24</u>	T <u>8</u>	N <u>17</u> E W County: <u>Uintah</u> State: <u>ut</u>
Operator: <u>Newfield Production Co.</u>			
Last MIT: <u>/ /</u>		Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? ☐ Yes ☐ No
Initial test for permit? ☒ Yes ☐ No
Test after well rework? ☐ Yes ☐ No
Well injecting during test? ☐ Yes ☐ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

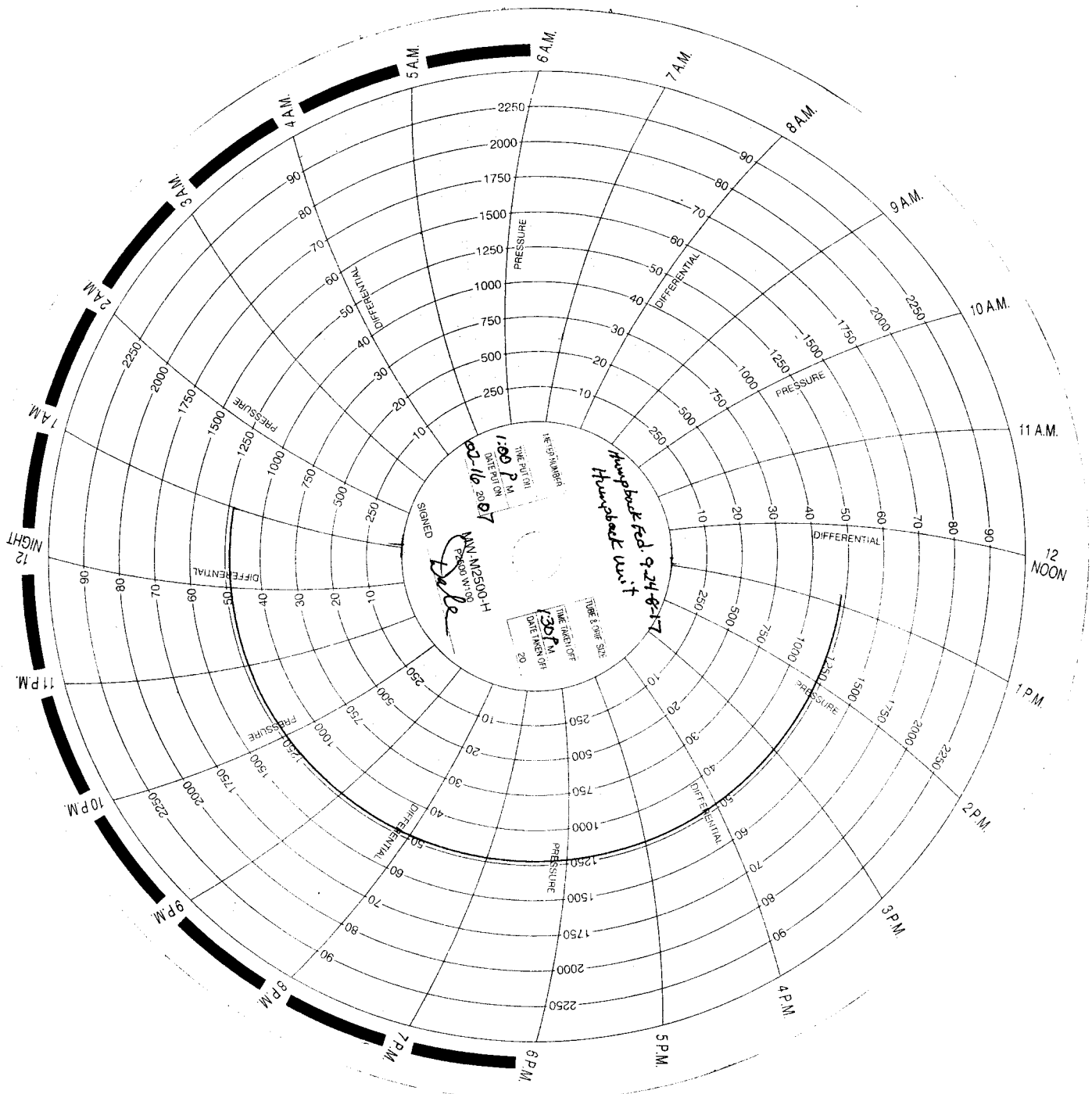
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>450</u> psig	psig	psig
End of test pressure	<u>450</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1220</u> psig	psig	psig
5 minutes	<u>1220</u> psig	psig	psig
10 minutes	<u>1220</u> psig	psig	psig
15 minutes	<u>1220</u> psig	psig	psig
20 minutes	<u>1220</u> psig	psig	psig
25 minutes	<u>1220</u> psig	psig	psig
30 minutes	<u>1220</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test ? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

MAR 23 2007

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Mike Guinn
Vice President - Operations
Newfield Production Company
Route 3 - Box 3630
Myton, UT 84502

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

43.047.34881
24 85 17E

RE: 180-Day Limited Authorization to Inject
Humpback Federal No. 9-24-8-17
EPA Permit No. UT20852-06748
Uintah County, Utah

Dear Mr. Guinn:

The Newfield Production Company (Newfield) February 27, 2007 submission of **Prior to Commencing Injection** documents did contain all information required to fulfill the Environmental Protection Agency's (EPA) requirements, as cited in the Well Permit UT20852-06748. The submitted data included an EPA Well Rework Form (Form No. 7520-12), a Part I (Internal) Mechanical Integrity Test, and an injection zone pore pressure. All requirements were reviewed and approved by the EPA on March 6, 2007.

The EPA is hereby authorizing injection into the Humpback Federal No. 9-24-8-17 for a limited period of up to one hundred and eighty (180) calendar days, herein referred to as the "Limited Authorized Period". **The 180-Day "Limited Authorized Period" will commence upon the first date of enhanced recovery injection.** The permittee is responsible for notifying Emmett Schmitz, of my office, by letter within fifteen (15) working days of the date that enhanced recovery injection began. The initial maximum allowable injection pressure (MAIP) shall be **1245 psig**.

RECEIVED

MAR 29 2007

DIV. OF OIL, GAS & MINING



Printed on Recycled Paper

Because the cement bond log submitted for this well did not show an adequate interval of 80% or greater bond index cement through the confining zone overlying the Garden Gulch Member, **the operator is required to demonstrate Part II (External) Mechanical Integrity (Part II MI) within the 180-day "Limited Authorized Period"**. Approved tests for demonstrating Part II (External) MI include a Temperature Survey, a Noise Log or Oxygen Activation Log, and Region 8 may also accept results of a Radioactive Tracer Survey under certain circumstances. The "Limited Authorized Period" allows injection for the purpose of stabilizing the injection formation pressure prior to demonstrating Part II (External) MI, which is necessary because the proposed injection zone is under-pressured due to previous oil production from the zone, and the tests rely on stable formation pressure. Results of tests shall be submitted to and written approval with authority to re-commence injection received from EPA prior to resuming injection within the "Limited Authorized Period". Copies of current Region 8 Guidelines for conducting Part II (External) Mechanical Integrity Tests will be submitted upon request.

Should you choose to apply for an increase to the MAIP, at any future date, a **demonstration of Part II (External) MI must be conducted in addition to the Step-Rate Test**. You must receive prior authorization from the Director in order to inject at pressures greater than the permitted MAIP during the test(s).

If you have any questions in regard to the above action, please contact Emmett Schmitz at 1-800-227-8917 (Ext. 6174), or 303-312-6174. Results from the Part II (External) MI Test, should be mailed directly to the **ATTENTION: EMMETT SCHMITZ**, at the letterhead address citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office Of Partnerships and Regulatory Assistance

cc: David Gerbig
Operations Engineer
Newfield Production Company
Denver, CO 80202

Maxine Natchees
Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe

Lynn Becker
Director
Energy & Minerals Department
Ute Indian Tribe

Shaun Chapoose
Director
Land Use Dept.
Ute Indian Tribe

Chester Mills
Superintendent
U.S. Bureau of Indian Affairs
Uintah & Ouray Indian Agency

Gilbert Hunt
Assistant Director
State of Utah - Natural Resources
Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
U.S. Bureau of Land Management
Vernal, Utah

Irene Cuchs
Councilwoman
Uintah & Ouray Business Committee
Ute Indian Tribe

Smiley Arrowchis
Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Ronald Groves
Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Richard Jenks. Jr.
Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Francis Poowegup
Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Mr. Nathan Wiser
8ENF-UFO

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

USA UTU-74870

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
HUMPBAC UNIT

8. Well Name and No.

HUMPBAC FEDERAL 9-24-8-17

9. API Well No.

4304734881

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status, Put Well
	<input checked="" type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	on Injection

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above referenced well was put on injection at 12:00 p.m. on 4/18/07.

UIC Permit #UT20852-06748

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

04/19/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

APR 20 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☒ Other WO

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1901 FSL 602 FEL

NESE Section 24 T8S R17E

5. Lease Serial No.

USA UTU-74870

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

HUMPBACK UNIT

8. Well Name and No.

HUMPBACK FEDERAL 9-24-8-17

9. API Well No.

4304734881

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Step Rate Test _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

A step rate test was conducted on the subject well on August 30, 2007. Results from the test indicate that the fracture gradient is .678 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1240 psi.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Cheyenne Bateman

Title

Well Analyst Foreman

Signature

Date

09/20/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

SEP 26 2007

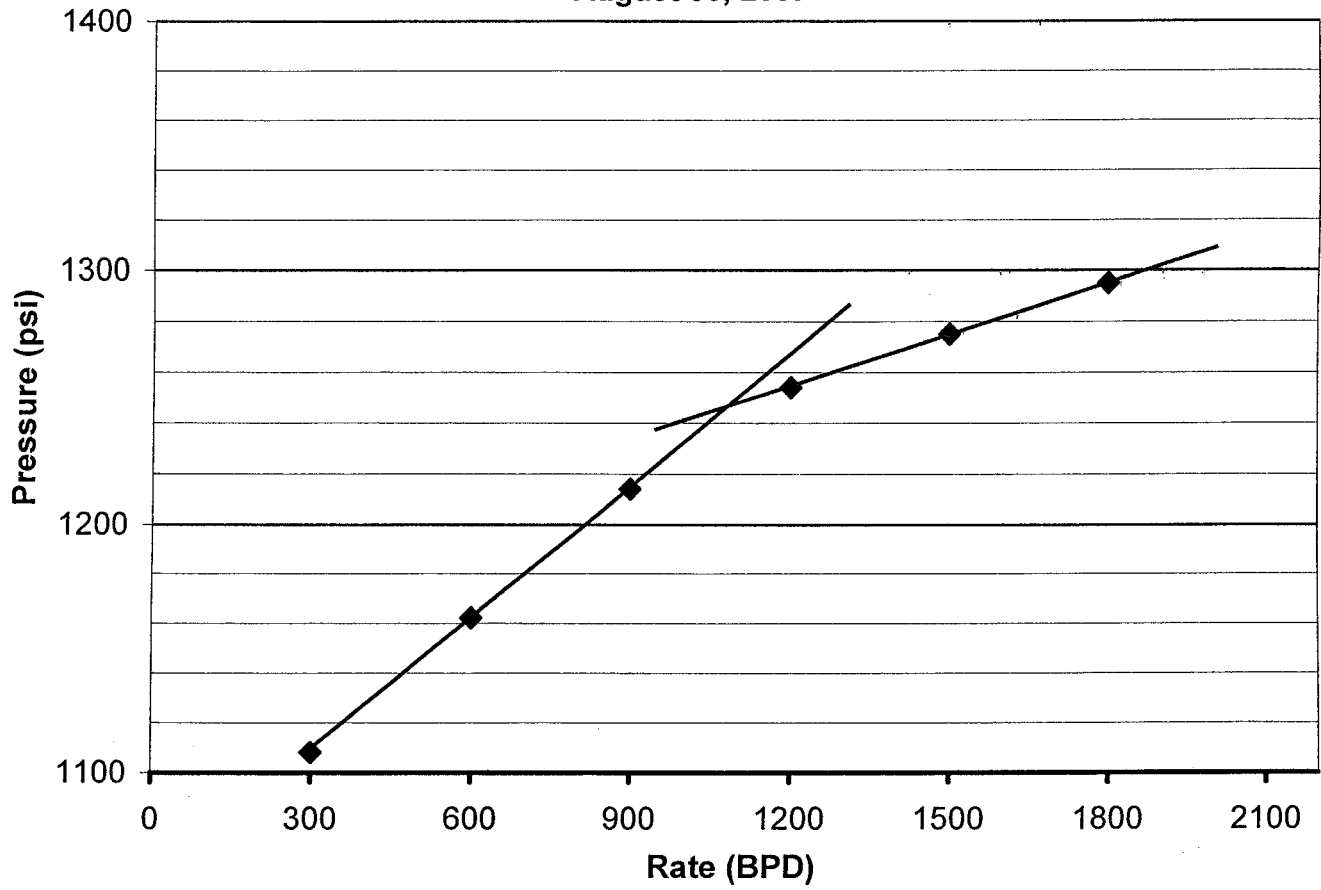
DIV. OF OIL, GAS & MINING

Humpback Federal 9-24-8-17

Humpback Unit

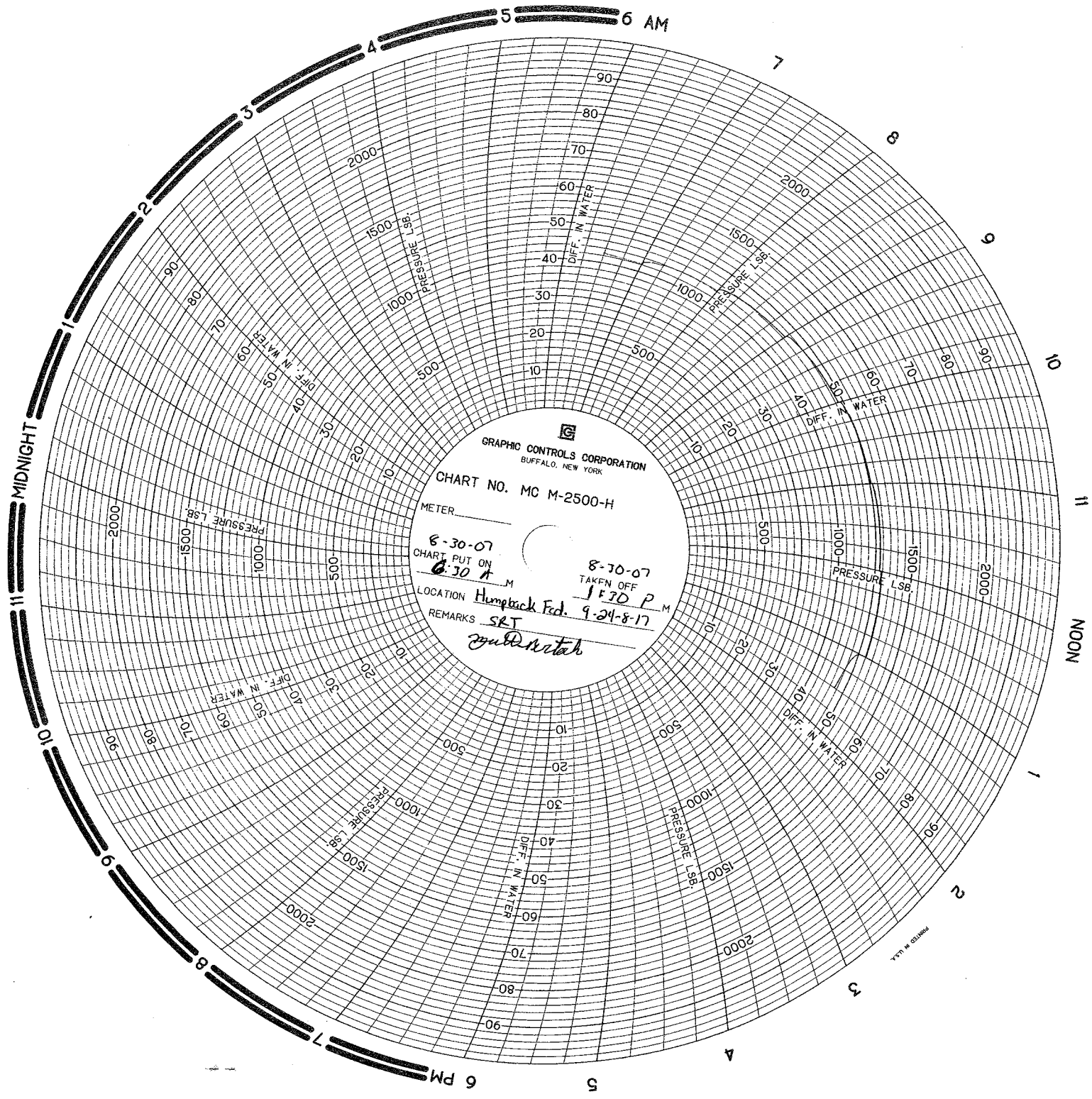
Step Rate Test

August 30, 2007



Start Pressure: 1061 psi
Instantaneous Shut In Pressure (ISIP): 1246 psi
Top Perforation: 5217 feet
Fracture pressure (P_{fp}): 1245 psi
FG: 0.678 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	300	1108
2	600	1162
3	900	1214
4	1200	1254
5	1500	1275
6	1800	1295



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>WZ</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74870
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1901 FSL 602 FEL		8. WELL NAME and NUMBER: HUMPBAC FEDERAL 9-24-8-17
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 24, T8S, R17E		9. API NUMBER: 4304734881
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: UINTAH
		STATE: UT

II. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Step Rate Test
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>05/25/2010</u>			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on May 25, 2010. Results from the test indicate that the fracture gradient is 0.698 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1240 psi to 1345 psi.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 06/10/2010

(This space for State use only)

RECEIVED

JUN 15 2010

DIV. OF OIL, GAS & MINING

Step Rate Test (SRT) Analysis

Date: 06/04/2010

Operator:

Newfield Production Company

Well:

Humpback Federal 9-24-8-17

Permit #:

UT20852-06748

Enter the following data :

Specific Gravity (sg) of injectate =	<u>1.015</u>	g/cc	
Depth to top perforation (D) =	<u>5217</u>	feet	5217
Top of permitted injection zone depth (blank=use top perforation to calculate fg) =		feet	
Estimated Formation Parting Pressure (Pfp) from SRT chart =	<u>1350</u>	psi	
Instantaneous Shut In Pressure (ISIP) from SRT =	<u>1362</u>	psi	1350
Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder =		psi	no downhole

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.698 psi/ft.

where: $fg = Pbhp / D$ (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1362

D = depth used = 5217

Pbhp used = 3643

Calculated Bottom Hole Parting Pressure (Pbhp) = 3643 psi

3642.845

to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 * SG * D)

(Uses lesser of ISIP or Pfp) Value used = 1350

Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

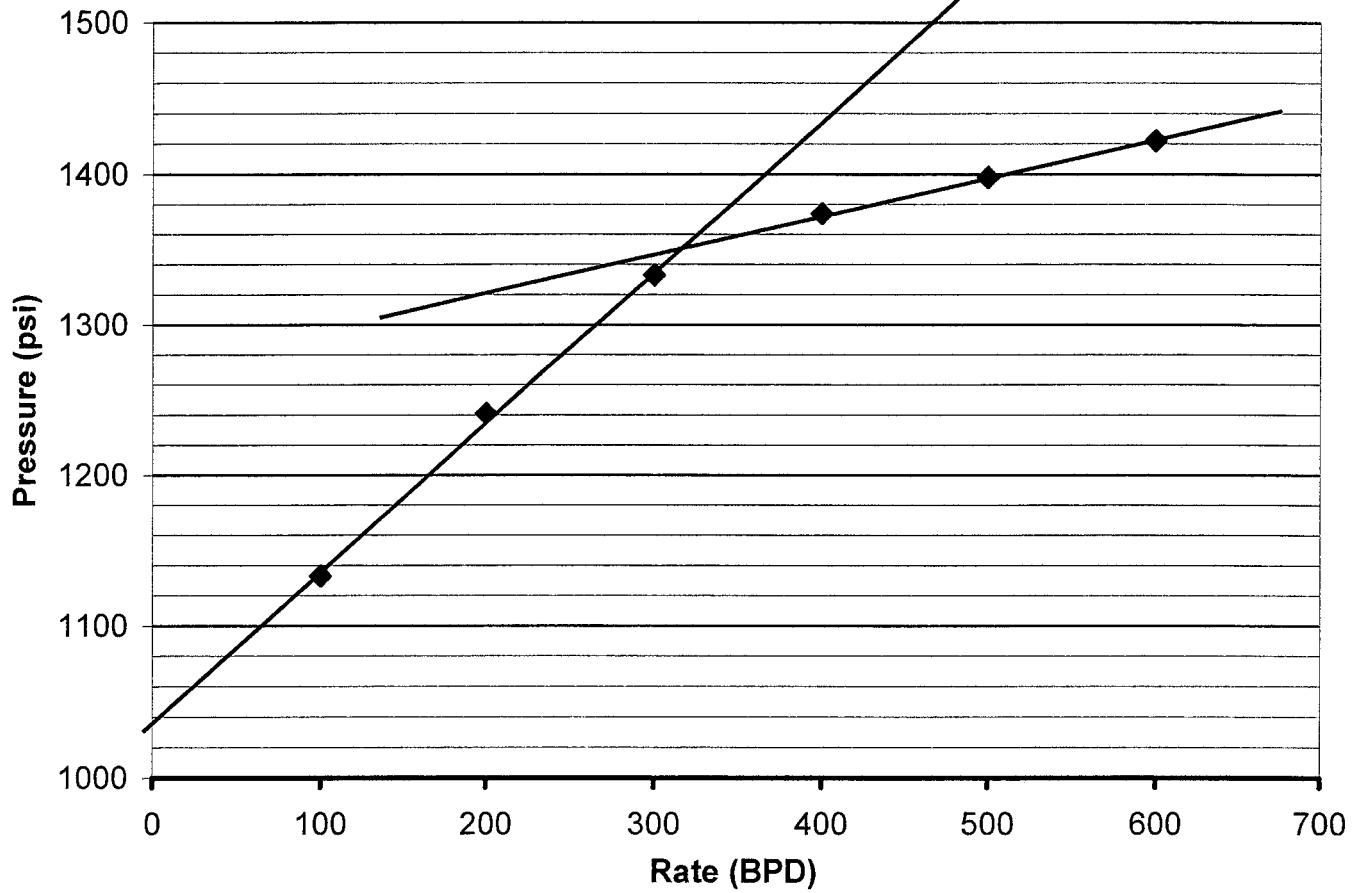
Maximum Allowable Injection Pressure (MAIP) = 1345 psig

D = depth used = 5217

MAIP = $[fg \cdot (0.433 \cdot SG)] \cdot D = 1348.621$

(rounded down to nearest 5 psig)

Humpback Federal 9-24-8-17
Greater Monument Butte Unit
Step Rate Test
May 25, 2010



Start Pressure: 1056 psi
Instantaneous Shut In Pressure (ISIP): 1362 psi
Top Perforation: 5217 feet
Fracture pressure (Pfp): 1350 psi
FG: 0.698 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	1133
2	200	1241
3	300	1333
4	400	1374
5	500	1398
6	600	1422

PSIA

Absolute Pressure

Humpback Federal
(5-25-10)

Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp

PSIA

1900

1750

1600

1450

1300

1150

1000

850

700

1900

1750

1600

1450

1300

1150

1000

850

700

05:45:56 AM
May 25, 2010
MDT

06:38:20 AM
May 25, 2010
MDT

07:30:43 AM
May 25, 2010
MDT

08:23:07 AM
May 25, 2010
MDT

09:15:31 AM
May 25, 2010
MDT

10:07:54 AM
May 25, 2010
MDT

11:00:18 AM
May 25, 2010
MDT

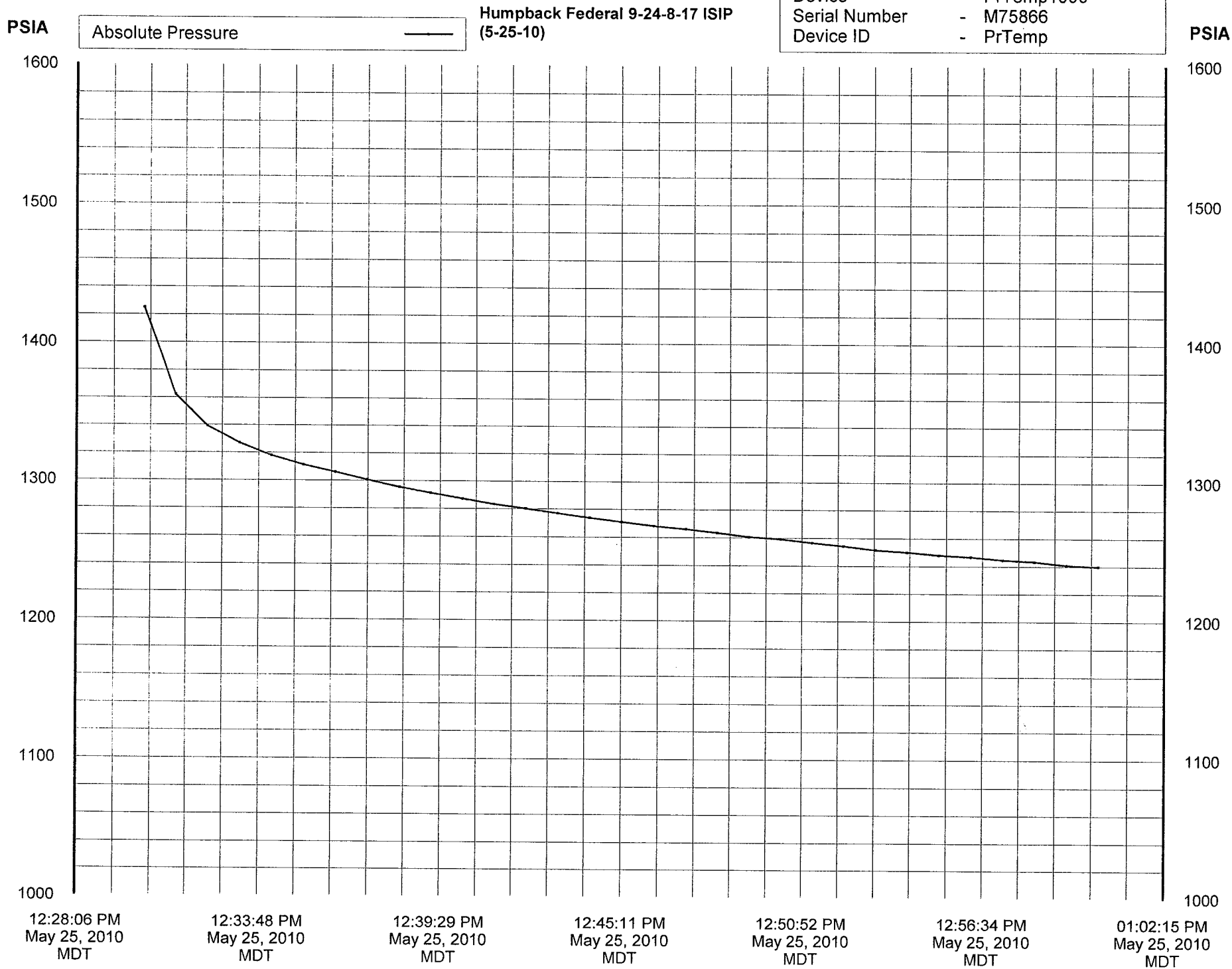
11:52:41 AM
May 25, 2010
MDT

12:45:05 PM
May 25, 2010
MDT

Report Name: PrTemp1000 Data Table
 Report Date: Jun 01, 2010 12:09:00 PM MDT
 File Name: C:\Program Files\PTC® Instruments 2.00\Humpback Federal 9-24-8-17 SRT (5-25-10).csv
 Title: Humpback Federal 9-24-8-17 SRT (5-25-10)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: May 25, 2010 06:00:01 AM MDT
 Data End Date: May 25, 2010 12:30:01 PM MDT
 Reading Rate: 2 Seconds
 Readings: 1 to 79 of 79
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	May 25, 2010 06:00:01 AM	1066.000 PSIA	
2	May 25, 2010 06:05:00 AM	1063.800 PSIA	
3	May 25, 2010 06:10:01 AM	1061.600 PSIA	
4	May 25, 2010 06:15:00 AM	1060.000 PSIA	
5	May 25, 2010 06:20:01 AM	1058.000 PSIA	
6	May 25, 2010 06:25:00 AM	1057.200 PSIA	
7	May 25, 2010 06:30:01 AM	1055.600 PSIA	
8	May 25, 2010 06:35:01 AM	1103.000 PSIA	
9	May 25, 2010 06:40:01 AM	1110.600 PSIA	
10	May 25, 2010 06:45:01 AM	1113.800 PSIA	
11	May 25, 2010 06:50:00 AM	1115.600 PSIA	
12	May 25, 2010 06:55:01 AM	1117.200 PSIA	
13	May 25, 2010 07:00:00 AM	1119.200 PSIA	
14	May 25, 2010 07:05:01 AM	1119.400 PSIA	
15	May 25, 2010 07:10:00 AM	1123.800 PSIA	
16	May 25, 2010 07:15:01 AM	1125.400 PSIA	
17	May 25, 2010 07:20:01 AM	1129.200 PSIA	
18	May 25, 2010 07:25:01 AM	1127.800 PSIA	
19	May 25, 2010 07:30:01 AM	1133.000 PSIA	
20	May 25, 2010 07:35:00 AM	1201.200 PSIA	
21	May 25, 2010 07:40:01 AM	1208.800 PSIA	
22	May 25, 2010 07:45:00 AM	1215.000 PSIA	
23	May 25, 2010 07:50:01 AM	1218.000 PSIA	
24	May 25, 2010 07:55:01 AM	1222.400 PSIA	
25	May 25, 2010 08:00:01 AM	1227.000 PSIA	
26	May 25, 2010 08:05:01 AM	1228.600 PSIA	
27	May 25, 2010 08:10:01 AM	1233.400 PSIA	
28	May 25, 2010 08:15:01 AM	1235.600 PSIA	
29	May 25, 2010 08:20:00 AM	1238.800 PSIA	
30	May 25, 2010 08:25:01 AM	1239.600 PSIA	
31	May 25, 2010 08:30:00 AM	1241.200 PSIA	
32	May 25, 2010 08:35:01 AM	1279.800 PSIA	
33	May 25, 2010 08:40:00 AM	1287.000 PSIA	
34	May 25, 2010 08:45:01 AM	1289.200 PSIA	
35	May 25, 2010 08:50:01 AM	1297.200 PSIA	
36	May 25, 2010 08:55:01 AM	1299.000 PSIA	
37	May 25, 2010 09:00:01 AM	1302.000 PSIA	
38	May 25, 2010 09:05:00 AM	1307.800 PSIA	
39	May 25, 2010 09:10:01 AM	1310.800 PSIA	
40	May 25, 2010 09:15:00 AM	1313.400 PSIA	
41	May 25, 2010 09:20:01 AM	1320.600 PSIA	
42	May 25, 2010 09:25:00 AM	1328.200 PSIA	
43	May 25, 2010 09:30:01 AM	1332.800 PSIA	
44	May 25, 2010 09:35:01 AM	1343.600 PSIA	
45	May 25, 2010 09:40:01 AM	1346.600 PSIA	
46	May 25, 2010 09:45:01 AM	1351.400 PSIA	
47	May 25, 2010 09:50:00 AM	1353.800 PSIA	
48	May 25, 2010 09:55:01 AM	1359.000 PSIA	
49	May 25, 2010 10:00:00 AM	1359.400 PSIA	
50	May 25, 2010 10:05:01 AM	1362.400 PSIA	
51	May 25, 2010 10:10:00 AM	1365.200 PSIA	
52	May 25, 2010 10:15:01 AM	1368.200 PSIA	
53	May 25, 2010 10:20:01 AM	1369.000 PSIA	
54	May 25, 2010 10:25:01 AM	1372.000 PSIA	
55	May 25, 2010 10:30:01 AM	1374.000 PSIA	
56	May 25, 2010 10:35:00 AM	1382.600 PSIA	
57	May 25, 2010 10:40:01 AM	1381.600 PSIA	
58	May 25, 2010 10:45:00 AM	1386.000 PSIA	

60	May 25, 2010 10:55:00 AM	1390.200	PSIA
61	May 25, 2010 11:00:01 AM	1391.000	PSIA
62	May 25, 2010 11:05:01 AM	1394.200	PSIA
63	May 25, 2010 11:10:01 AM	1395.800	PSIA
64	May 25, 2010 11:15:01 AM	1395.400	PSIA
65	May 25, 2010 11:20:00 AM	1399.000	PSIA
66	May 25, 2010 11:25:01 AM	1396.600	PSIA
67	May 25, 2010 11:30:00 AM	1397.800	PSIA
68	May 25, 2010 11:35:01 AM	1408.800	PSIA
69	May 25, 2010 11:40:00 AM	1408.800	PSIA
70	May 25, 2010 11:45:01 AM	1412.200	PSIA
71	May 25, 2010 11:50:01 AM	1413.000	PSIA
72	May 25, 2010 11:55:01 AM	1412.200	PSIA
73	May 25, 2010 12:00:01 PM	1414.000	PSIA
74	May 25, 2010 12:05:00 PM	1415.000	PSIA
75	May 25, 2010 12:10:01 PM	1421.400	PSIA
76	May 25, 2010 12:15:00 PM	1420.200	PSIA
77	May 25, 2010 12:20:01 PM	1418.200	PSIA
78	May 25, 2010 12:25:00 PM	1419.600	PSIA
79	May 25, 2010 12:30:01 PM	1422.000	PSIA



Report Name: PrTemp1000 Data Table
 Report Date: Jun 01, 2010 12:08:53 PM MDT
 File Name: C:\Program Files\PTC® Instruments 2.00\Humpback Federal 9-24-8-17 ISIP (5-25-10).csv
 Title: Humpback Federal 9-24-8-17 ISIP (5-25-10)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: May 25, 2010 12:30:11 PM MDT
 Data End Date: May 25, 2010 01:00:11 PM MDT
 Reading Rate: 2 Seconds
 Readings: 1 to 31 of 31
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	May 25, 2010 12:30:11 PM	1425.000	PSIA
2	May 25, 2010 12:31:11 PM	1362.400	PSIA
3	May 25, 2010 12:32:11 PM	1339.200	PSIA
4	May 25, 2010 12:33:11 PM	1327.000	PSIA
5	May 25, 2010 12:34:11 PM	1317.800	PSIA
6	May 25, 2010 12:35:11 PM	1311.200	PSIA
7	May 25, 2010 12:36:11 PM	1306.000	PSIA
8	May 25, 2010 12:37:11 PM	1300.600	PSIA
9	May 25, 2010 12:38:12 PM	1295.400	PSIA
10	May 25, 2010 12:39:11 PM	1291.200	PSIA
11	May 25, 2010 12:40:11 PM	1287.200	PSIA
12	May 25, 2010 12:41:11 PM	1283.400	PSIA
13	May 25, 2010 12:42:11 PM	1280.200	PSIA
14	May 25, 2010 12:43:11 PM	1277.000	PSIA
15	May 25, 2010 12:44:11 PM	1273.800	PSIA
16	May 25, 2010 12:45:11 PM	1270.800	PSIA
17	May 25, 2010 12:46:11 PM	1268.200	PSIA
18	May 25, 2010 12:47:11 PM	1266.000	PSIA
19	May 25, 2010 12:48:11 PM	1263.400	PSIA
20	May 25, 2010 12:49:11 PM	1260.600	PSIA
21	May 25, 2010 12:50:11 PM	1259.200	PSIA
22	May 25, 2010 12:51:11 PM	1256.600	PSIA
23	May 25, 2010 12:52:11 PM	1254.400	PSIA
24	May 25, 2010 12:53:11 PM	1251.600	PSIA
25	May 25, 2010 12:54:12 PM	1250.000	PSIA
26	May 25, 2010 12:55:11 PM	1248.000	PSIA
27	May 25, 2010 12:56:11 PM	1246.800	PSIA
28	May 25, 2010 12:57:11 PM	1244.600	PSIA
29	May 25, 2010 12:58:11 PM	1243.400	PSIA
30	May 25, 2010 12:59:11 PM	1241.000	PSIA
31	May 25, 2010 01:00:11 PM	1240.000	PSIA

Humpback Federal 9-24-8-17 Rate Sheet (5-25-10)

Step # 1	Time:	6:35	6:40	6:45	6:50	6:55	7:00
	Rate:	100.4	100.4	100.4	100.4	100.4	100.3
	Time:	7:05	7:10	7:15	7:20	7:25	7:30
	Rate:	100.3	100.3	100.3	100.2	100.2	100.2
Step # 2	Time:	7:35	7:40	7:45	7:50	7:55	8:00
	Rate:	200.5	200.5	200.4	200.4	200.4	200.4
	Time:	8:05	8:10	8:15	8:20	8:25	8:30
	Rate:	200.4	200.4	200.3	200.3	200.3	200.3
Step # 3	Time:	8:35	8:40	8:45	8:50	8:55	9:00
	Rate:	300.5	300.5	300.5	300.4	300.4	300.4
	Time:	9:05	9:10	9:15	9:20	9:25	9:30
	Rate:	300.4	300.3	300.3	300.3	300.2	300.3
Step # 4	Time:	9:35	9:40	9:45	9:50	9:55	10:00
	Rate:	400.4	400.4	400.4	400.4	400.3	400.3
	Time:	10:05	10:10	10:15	10:20	10:25	10:30
	Rate:	400.2	400.2	400.2	400.1	400.1	400.1
Step # 5	Time:	10:35	10:40	10:45	10:50	10:55	11:00
	Rate:	500.5	500.4	500.4	500.4	500.4	500.3
	Time:	11:05	11:10	11:15	11:20	11:25	11:30
	Rate:	500.3	500.3	500.2	500.2	500.2	500.2
Step # 6	Time:	11:35	11:40	11:45	11:50	11:55	12:00
	Rate:	600.5	600.4	600.4	600.3	600.3	600.3
	Time:	12:05	12:10	12:15	12:20	12:25	12:30
	Rate:	600.2	600.2	600.1	600.1	600.1	600.1



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

JUL 06 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Minor Permit Modification
Authorization to Continue Injection
EPA UIC Permit UT20852-06748
Well: Humpback Federal 9-24-8-17
NESE Sec. 24 T8S-R17E
Uintah County, UT
API No.: 43-047-34881

Dear Mr. Guinn:

The Environmental Protection Agency Region 8 (EPA) has received Newfield Production Company's (Newfield) June 10, 2010, letter with enclosures requesting an increase in the Maximum Allowable Injection Pressure (MAIP) for the Humpback Federal 9-24-8-17 well. The enclosed Step Rate Test (SRT) and Radioactive Tracer Survey (RTS) results were reviewed and approved by EPA. Therefore, the MAIP for UIC Permit UT20852-06748 is hereby increased to 1,345 psig from the 1,245 psig previously authorized.

As of the date of this letter, EPA authorizes continued injection into the Humpback Federal 9-24-8-17 well under the terms and conditions of UIC Permit UT20852-06748 at the MAIP of 1,345 psig.

You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a SRT that measures the fracture parting pressure and determines the fracture gradient at the injection depth and location. A current copy of EPA guidelines for running and interpreting a SRT will be sent upon request. Should the SRT result in a request for a higher MAIP, a RTS conducted at the new MAIP is required.

RECEIVED
JUL 14 2010
DIV. OF OIL, GAS & MINING


As of this approval, responsibility for permit compliance and enforcement is transferred to the EPA Region 8 UIC Technical Enforcement Program Office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing the well name and UIC Permit number on all correspondence regarding this well:

US EPA, Region 8
Attn: Nathan Wiser
MC: ENF-UFO
1595 Wynkoop Street
Denver, CO 80202

For questions regarding notification, testing, monitoring, reporting or other permit requirements, Nathan Wiser of the UIC Technical Enforcement Program may be reached by calling 800-227-8917 (ext. 312-6211). Please be reminded that it is your responsibility to be aware of and to comply with all conditions of your Permit.

If you have any questions regarding this approval, please call Tom Aalto at 303-312-6949 or 800-227-8917 (ext. 312-6949).

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Curtis Cesspooch, Chairman
Frances Poowegup, Vice-chairwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Irene Cuch, Councilwoman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74870
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: HUMPBAC FED 9-24-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1901 FSL 0602 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 24 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43047348810000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/17/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 11/16/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 01/17/2012 the casing was pressured up to 1345 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1136 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20852-06748		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 23, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/19/2012	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 11/17/12
Test conducted by: Lyan Monson
Others present: _____

Well Name: <u>Humpback Federal 9-24-8-12</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE/SE</u> Sec: <u>24</u> T: <u>8</u> N/S: <u>R 17E</u> W: _____	County: <u>Lincoln</u>	State: <u>Ut.</u>
Operator: <u>Newfield</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

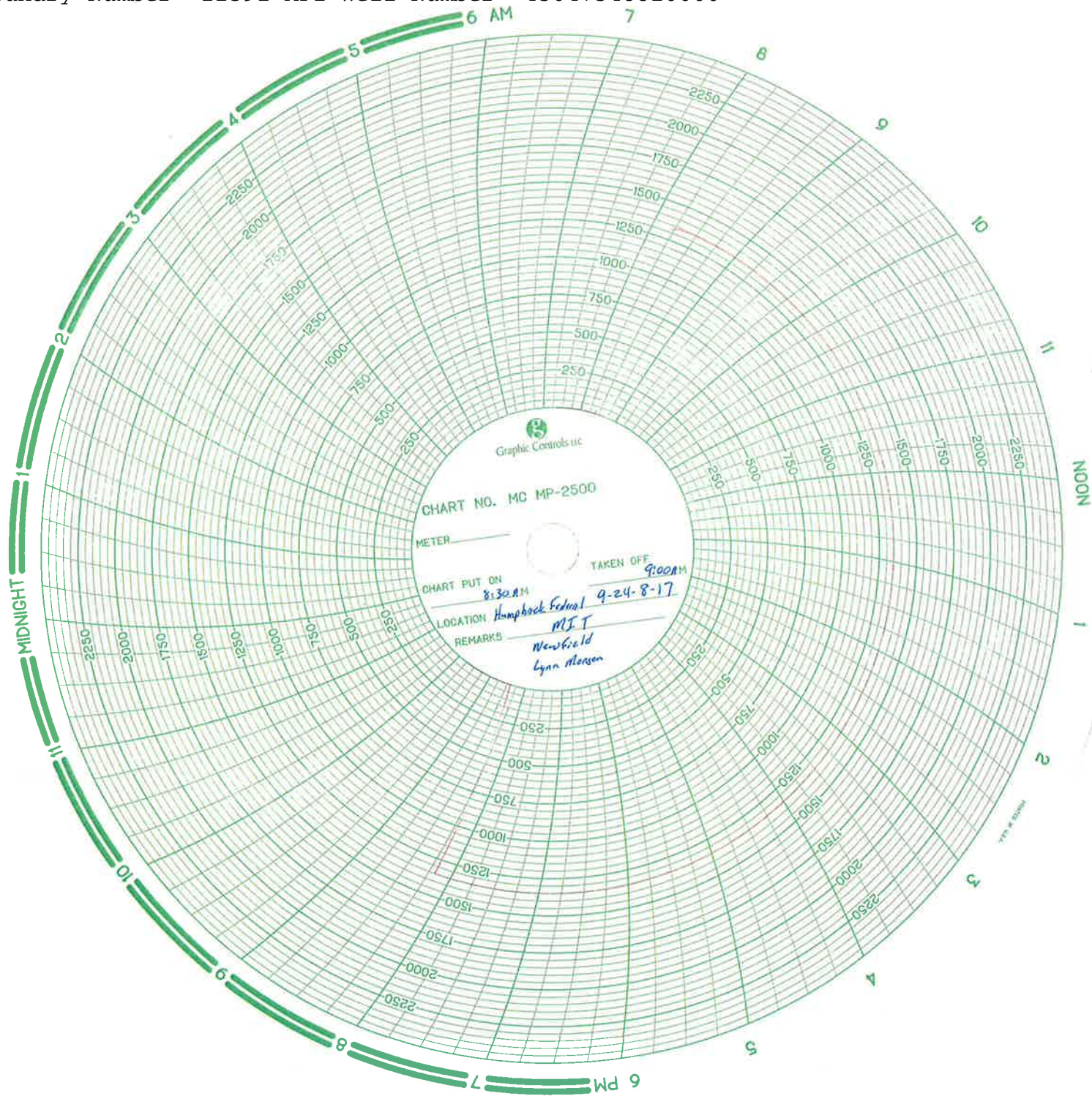
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>1136</u> psig	psig	psig
End of test pressure	<u>1136</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1345</u> psig	psig	psig
5 minutes	<u>1345</u> psig	psig	psig
10 minutes	<u>1345</u> psig	psig	psig
15 minutes	<u>1345</u> psig	psig	psig
20 minutes	<u>1345</u> psig	psig	psig
25 minutes	<u>1345</u> psig	psig	psig
30 minutes	<u>1345</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74870
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: HUMPBAC FED 9-24-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1901 FSL 0602 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 24 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43047348810000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/12/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 12/12/2016 the casing was pressured up to 1187 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbp pressure was 1440 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-06748		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 28, 2016		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/13/2016	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 12/12/2016Test conducted by: Dustin Bennett

Others present: _____

Well Name: <u>Humbuck Federal 7-24-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Mount Butte</u>		
Location: <u>N 1/4 SE</u> Sec: <u>24</u> T <u>8</u> N <u>18</u> R <u>17</u> W	County: <u>Uinta</u>	State: <u>UTAH</u>
Operator: <u>Newfield Exploration</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1479</u>	PSIG

Is this a regularly scheduled test?

☒ Yes☐ No

Initial test for permit?

☐ Yes☒ No

Test after well rework?

☐ Yes☒ No

Well injecting during test?

☐ Yes☒ No

If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 1188 / 1440 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING		PRESSURE		
Initial Pressure		<u>1440</u> psig	psig	psig
End of test pressure		<u>1440</u> psig	psig	psig
CASING / TUBING		ANNULUS PRESSURE		
0 minutes		<u>1188</u> psig	psig	psig
5 minutes		<u>1189</u> psig	psig	psig
10 minutes		<u>1189</u> psig	psig	psig
15 minutes		<u>1188</u> psig	psig	psig
20 minutes		<u>1188</u> psig	psig	psig
25 minutes		<u>1187</u> psig	psig	psig
30 minutes		<u>1187</u> psig	psig	psig
_____ minutes		psig	psig	psig
_____ minutes		psig	psig	psig
RESULT		<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

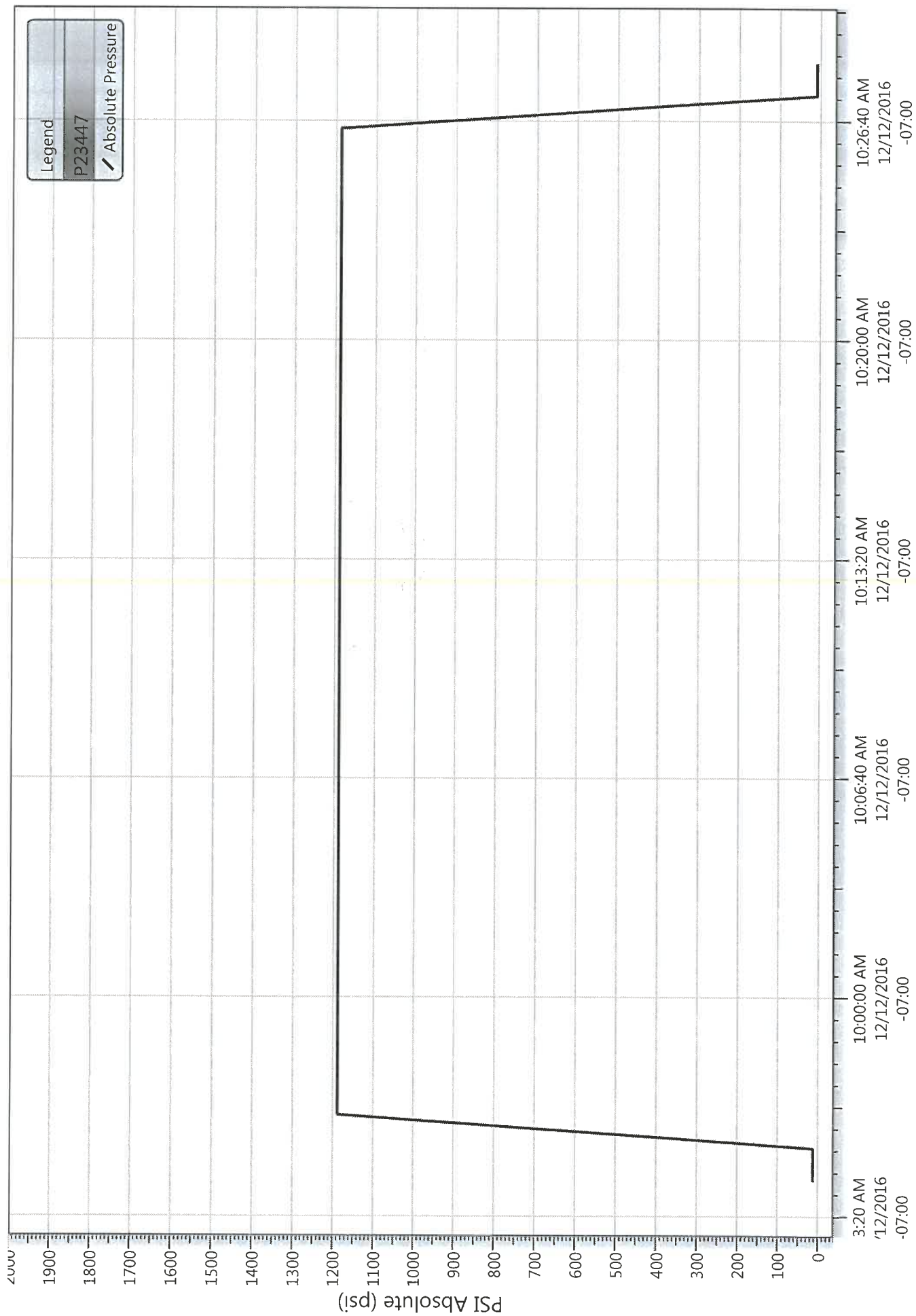
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Humpback Federal 9 24 8 17 (5yr MIT 12-12-2016)

12/12/2016 9:53:33 AM



Humpback Federal 9-24-8-17

Spud Date: 7/22/03

Put on Production: 8/3/04

GL: 5007' KB: 5019'

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (306.98')

DEPTH LANDED: 316.98' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 150 sxs Class "G" cmt, est 1.5 bbls cmt to surf.

Cement Top @ 395'

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 152 jts. (6488.6')

DEPTH LANDED: 6486.6' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 400 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ

CEMENT TOP AT: 395'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

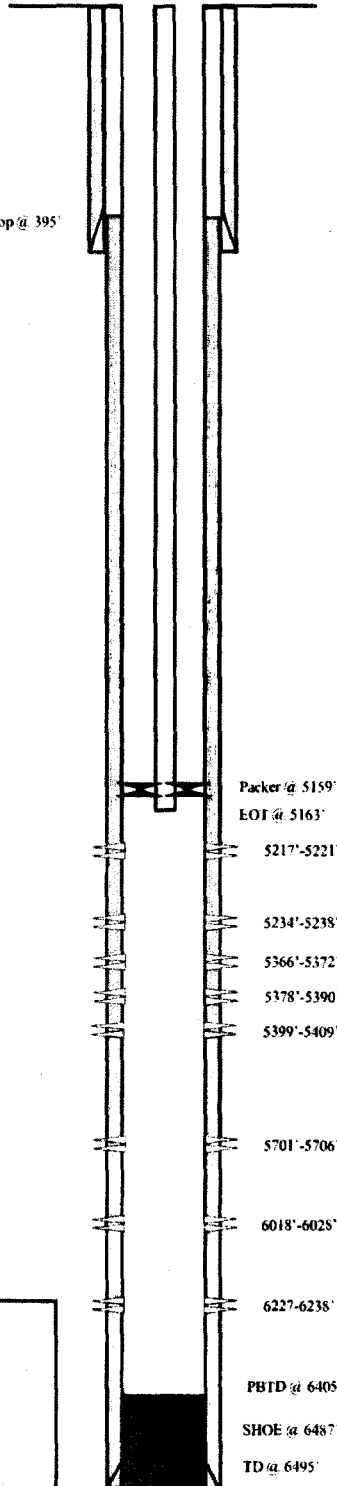
NO. OF JOINTS: 159 jts. (5142.70')

SEATING NIPPLE: 2-7/8" (1.10')

PACKER CE @ 5158.90'

TOTAL STRING LENGTH: EOT @ 5162.90' W/12.5' KB

Injection Wellbore Diagram



FRAC JOB

7/28/04	6227'-6238'	Frac CP4 sands as follows: 29,777# 20/40 sand in 352 bbls Lightning 17 Frac fluid. Treated @ avg press of 1889 psi w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 6224 gal. Actual flush: 6216 gal.
7/28/04	6018'-6028'	Frac CP1 sands as follows: 49,411# 20/40 sand in 435 bbls Lightning 17 Frac fluid. Treated @ avg press of 1800 psi w/avg rate of 24.8 BPM. ISIP 1950 psi. Calc flush: 6016 gal. Actual flush: 6014 gal.
7/28/04	5701'-5706'	Frac A3 sands as follows: 16,045# 20/40 sand in 257 bbls Lightning 17 Frac fluid. Treated @ avg press of 2100 psi w/avg rate of 24.8 BPM. ISIP 2000 psi. Calc flush: 5699 gal. Actual flush: 5699 gal.
7/28/04	5366'-5409'	Frac C sands as follows: 149,708 20/40 sand in 999 bbls Lightning 17 Frac fluid. Treated @ avg press of 1300 psi w/avg rate of 24.7 BPM. ISIP 1700 psi. Calc flush: 5364 gal. Actual flush: 5405 gal.
7/29/04	5217'-5238'	Frac D2 sands as follows: 22,755# 20/40 sand in 274 bbls Lightning 17 Frac fluid. Treated @ avg press of 1433 psi w/avg rate of 24.7 BPM. ISIP 1600 psi. Calc flush: 5215 gal. Actual flush: 5124 gal.
10/13/04		Tubing Leak. Update rod details.
09/25/06		Tubing Leak. Rod Details Updated
2/7/07		Well converted to an Injection well. MIT completed and submitted.

PERFORATION RECORD

7/20/04	6227'-6238'	4 JSPF	44 holes
7/28/04	6018'-6028'	4 JSPF	40 holes
7/28/04	5701'-5706'	4 JSPF	20 holes
7/28/04	5399'-5409'	4 JSPF	40 holes
7/28/04	5378'-5390'	4 JSPF	48 holes
7/28/04	5366'-5372'	4 JSPF	24 holes
7/28/04	5234'-5238'	4 JSPF	16 holes
7/28/04	5217'-5221'	4 JSPF	16 holes

NEWFIELD

Humpback Federal 9-24-8-17

1901' FSI & 602' FEL

NE/SE Section 24-T8S-R17E

Uintah Co, Utah

API #43-047-34881; Lease #UTU-74870